HISTORY

Model Name: KDL-40/46/52V4000
SERVICE MANUAL

Click on Page Number to display details of change

Date	Part Number	Description of Revisions	Version
2008.05	9-883-400-01	Original Manual	1.0
2008.06	9-883-400-02	IP5 board removal (P11) Block diagrams (P15). Addition of inverter board part numbers (P46).	2.0
2008.07	9-883-400-03	Change of Bottom Panel part numbers to Assembly numbers (P45).	3.0
2008.10	9-883-400-04	Addition of TT codes for VE Panels. (P14)	4.0
2009.04	9-883-400-05	MDF-61 Connector caution note update (APP)	5.0

Self Diagnosis Supported model

SERVICE MANUAL

EG1L-L CHASSIS

MODEL	DEST	MODEL	DEST
KDL-40V4000	OIRT / UK / WE		
KDL-46V4000	OIRT / UK / WE		
KDL-52V4000	OIRT / UK / WE		

RM-ED013

FLAT PANEL COLOR TV

SONY®

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WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARKED ⚠ ON THE EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

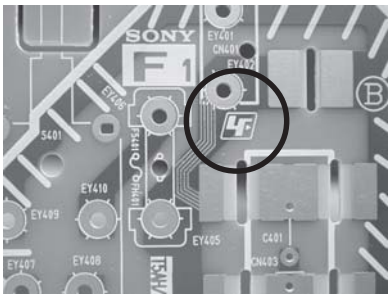
SECTION 1 GENERAL

CAUTION

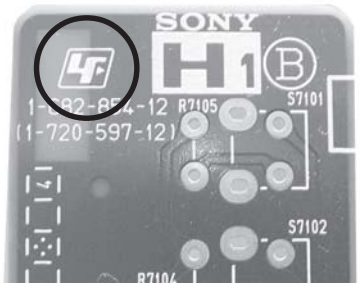
Lead Free Soldered Boards

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. F1, H1 etc [see examples]. The servicing of these boards requires special precautions to be taken as outlined below.

example 1



example 2



Lead Free Solder material must be used to comply with environmental requirements of new solder joints. Lead Free Solder is available under the following part numbers :

Partnumber	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

Due to changes in the caution note for MDF-61 connector, the caution note has been placed in Appendix-A

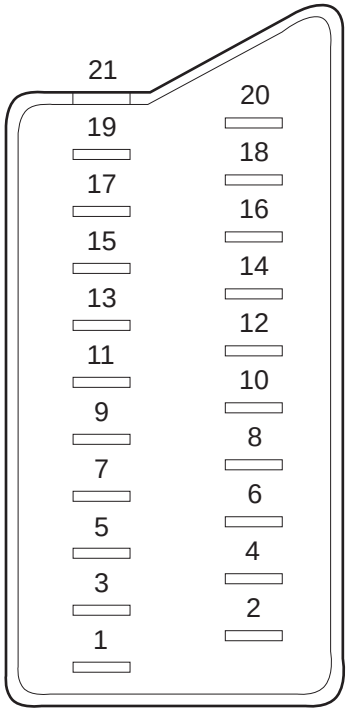
SPECIFICATIONS

Television System	Channel Coverage	Colour/Video System
Analogue: Depending on your country/region B/G/H, D/K, L, I Digital: DVB-T/DVB-C	Analogue: VHF : E2-E12 UHF : E21-E69 CATV : S1-S20 HYPER : S21-S41 D/K: R1-R12, R21-R69 L: F2-F10, B-Q, F21-F69 I: UHF B21-B69 Digital: VHF/UHF	Analogue: PAL, SECAM NTSC 3.58/4.43 (VIDEO IN) Digital: MPEG-2 MP@ML/HL

Projected Picture Size	LCD(Liquid Crystal Display) Panel Approx 101.6cm (40 inches) Approx 116.8cm (46 inches) Approx 132.2cm (52 inches)	**Sound Output**	
		Right and Left speaker	2 x 10W (RMS)
Input/Output Terminals [REAR]		**General Specifications**	
1: 21-pin Euro connector (CENELEC standard)	Inputs for Audio and Video signals. Inputs for RGB. Outputs of TV Video and Audio signals.	Power Requirements	220 - 240V
		Power Consumption/ Standby	(40 inches): Approx 175W/0.19W (Home/Standard mode) Approx 197W/0.19W (Shop/Vivid mode) (46 inches): Approx 215W/0.19W (Home/Standard mode) Approx 238W/0.19W (Shop/Vivid mode) (52 inches): Approx 222W/0.19W (Home/Standard mode) Approx 249W/0.19W (Shop/Vivid mode)
2: 21-pin Euro connector (CENELEC standard)	Inputs for Audio and Video signals. Inputs for RGB and S Video. Outputs of Video and Audio signals (Selectable). SmartLink interface.	Dimensions	(40 inches): Approx 986x684x279mm (With stand) Approx 986x646x110mm (Without stand) (46 inches): Approx 1120x782x307mm (With stand) Approx 1120x742x115mm (Without stand) (52 inches): Approx 1262x871x347mm (With stand) Approx 1262x829x119mm (Without stand)
		Weight	Approx 21.5kg (40 inches with stand) Approx 18.5kg (40 inches without stand) Approx 29.0kg (46 inches with stand) Approx 25.0kg (46 inches without stand) Approx 38.0kg (52 inches with stand) Approx 32.0kg (52 inches without stand)
Component In	Supported formats: 1080p, 1080i, 720p, 576p, 576i, 480p, 480i Y: 1 Vp-p, 75 ohms, 0.3V negative sync/Pb/Cb: 0.7 Vp-p, 75 ohms/Pr/Cr: 0.7 V p-p, 75 ohms Audio input: Phono jacks	Supplied Accessories	RM-ED013 Remote Commander (1) IEC designated R06 battery (2) Mains lead (Type BF) (1) Stand (1) and screws (4)
HDMI Inputs	Video: 1080p24, 1080p, 1080i, 720p 576p, 576i, 480p, 480i Audio: Two channel linear PCM 32, 44.1 and 48kHz, 16, 20 and 24 bits Analogue audio input: Phono jacks (HDMI IN 2 only)	Other Features	High Picture Quality, FHD 1920x1080, Dynamic Contrast,Intergrated digital TV Tuner DVB-T/C, Virtual Dolby Surround, BBE Viva, PC Input, 3 HDMI Inputs.
PC Input	Video:15 Pin D Sub Connector Audio: Minijack		
Digital Out	Digital Optical Jack Audio Output: Phono jacks		
CAM	Conditional Access Module		
Input/Output Terminals [SIDE]		**Remote control system : Infrared control**	
Headphone jack	Stereo mini jack	Power requirements	3V dc 2 batteries IEC designation R06 (size AA)
Audio input	Phono jacks		
Video input	Phono jack		
HDMI input	HDMI Connector		
Design and specifications are subject to change without notice.			

CONNECTORS

21 Pin Connector (SCART)



Pin No	1	2	Signal	Signal level
1	○	○	Audio output B (right)	Standard level : 0.5V rms Output impedence : Less than 1kohm*
2	○	○	Audio input B (right)	Standard level : 0.5V rms Output impedence : More than 10kohm*
3	○	○	Audio output A (left)	Standard level : 0.5V rms Output impedence : Less than 1kohm*
4	○	○	Ground (audio)	
5	○	○	Ground (blue)	
6	○	○	Audio input A (left)	Standard level : 0.5V rms Output impedence : More than 10kohm*
7	○	○	Blue input	0.7 +/- 3dB, 75 ohms positive
8	○	○	Function select (AV control)	High state (9.5-12V) : Part mode Low state (0-2V) : TV mode Input impedence : More than 10K ohms Input capacitance : Less than 2nF
9	○	○	Ground (green)	
10	●	○	AVlink	
11	○	○	Green	Green signal : 0.7 +/- 3dB, 75 ohms, positive
12	●	●	Open	
13	○	○	Ground (red)	
14	○	○	Ground (blanking)	
15	○	○	Red input	0.7 +/- 3dB, 75 ohms, positive
	-	-	(S signal Chroma input)	0.3 +/- 3dB, 75 ohms, positive
16	○	○	Blanking input (Ys signal)	High state (1-3V) Low state (0-0.4V) Input impedence : 75 ohms
17	○	○	Ground (video output)	
18	○	○	Ground (video input)	
19	○	○	Video output	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
20	○	○	Video input	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
	-	-	Video input Y (S signal)	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
21	○	○	Common ground (plug, shield)	

○ Connected ● Not Connected (open) * at 20Hz - 20kHz

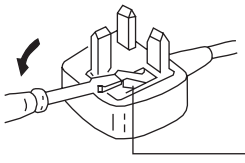
UK PLUG WARNING

WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of the correct rating for the set. Should the fuse need to be replaced, use a fuse of the same rating approved by ASTA to **BS 1362**, ie one that carries the ASTA mark.

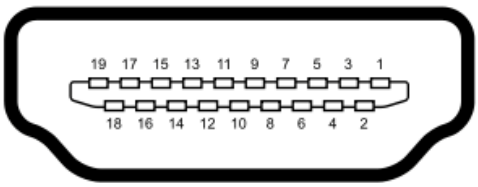
IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

When an alternative type of plug is used, it should be fitted with the correct rating fuse, otherwise the circuit should be protected by the same rating fuse at the distribution board.



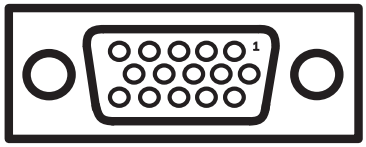
How to replace the fuse.
Open the fuse compartment with a screwdriver blade and replace the fuse.

HDMI Connector



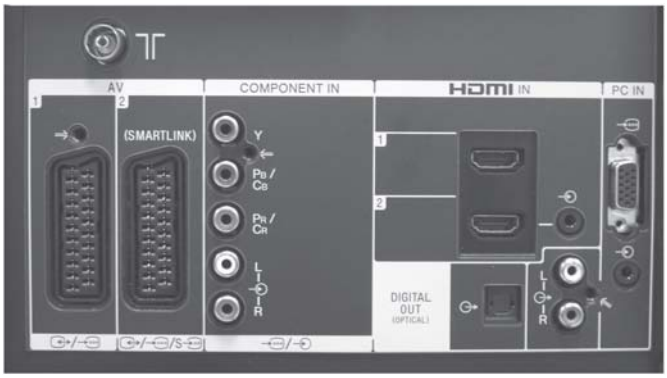
Pin No	Signal Assignment	Pin No	Signal Assignment
1	TMDS Data2+	11	TMDS Clock Shield
2	TMDS Data2 Shield	12	TMDS Clock-
3	TMDS Data2-	13	CEC
4	TMDS Data1+	14	Reserved (N.C. on device)
5	TMDS Data1 Shield	15	SCL
6	TMDS Data1-	16	SDA
7	TMDS Data0+	17	DDC/CEC Ground
8	TMDS Data0 Shield	18	+5V Power
9	TMDS Data0-	19	Hot Plug Detect
10	TMDS Clock+		

15 Pin D Sub Connector (PC)



Pin No	Signal Assignment	Pin No	Signal Assignment
1	Red Out	9	+5V DC
2	Green Out	10	Sync Return (Ground)
3	Blue Out	11	Monitor ID0 in Display
4	Unused	12	DCC Serial Data
5	Ground	13	Horizontal Sync
6	Red Return	14	Vertical Sync
7	Green Return (Ground)	15	DCC Serial Clock
8	Blue Return (Ground)		

Rear Connection Panel



Side Connection Panel

EG1L-L SELF DIAGNOSTIC SOFTWARE

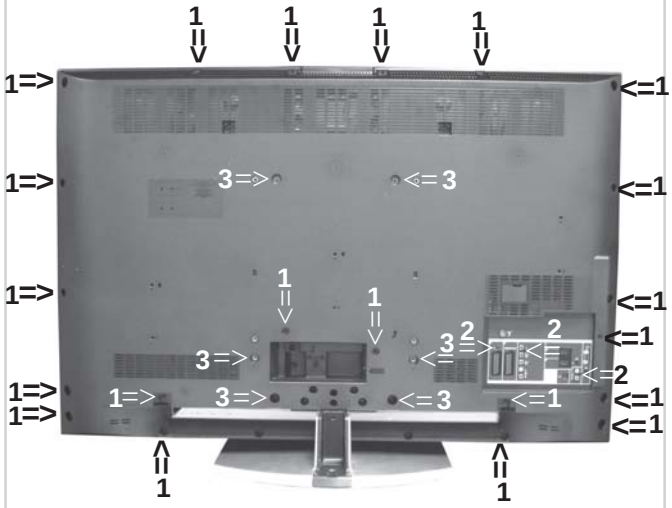
The identification of errors within the EG1L-L chassis is triggered in one of two ways :- 1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted).

LED Error Codes and Descriptions

Number of LED Flashes	Error Description	Micro	Checked	Action
02	DC_DET (12V main voltage).	VERD	In normal mode.	Goes into standby and LED flashes.
06	Panel Det error.	VERD	In normal mode.	Goes into standby and LED flashes.
07	Internal temperature error.	VERD	In normal mode.	Goes into standby and LED flashes.
08	Audio error (SP protection).	VERD	In normal mode.	Goes into standby and LED flashes.
10	Digital error.	VCT	In normal mode.	Adds error to error menu.
11	NVM error.	VCT	In initialisation state.	Adds error to error menu.
12	I2C error VCT.	VCT	In normal mode.	Adds error to error menu.
13	Balancer error.	VERD	In normal mode.	Goes into standby and LED flashes.
14	HDMI error.	VCT	In initialisation state.	Adds error to error menu.
15	Tuner Error	VCT	In initialisation state.	Adds error to error menu.
16	I2C CH1 (VERD TAS).	VERD	Factory mode.	LED error.
17	I2C CH0 (VERD NVM/RTC).	VERD	Factory mode.	LED error.
21	VCT error	VERD	In normal mode.	LED error.
22	MSP error.	VCT	In initialisation state.	Adds error to error menu.

SECTION 2 DISASSEMBLY

2-1. Rear Cover Removal

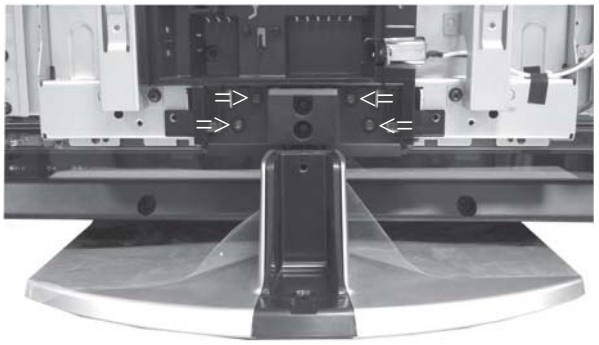


Remove the 30 rear cover fixing screws indicated and pull the rear cover gently backwards away from the back of the TV set.

Screw Part number(s) and Description(s)

1) 2-580-640-01 SCREW, +BVTP2 4X16
2) 7-685-648-79 SCREW, +BVTP 3X12 TYPE2 IT-3
3) 2-580-608-01 SCREW, +PSW M5X16

2-2. Stand Removal

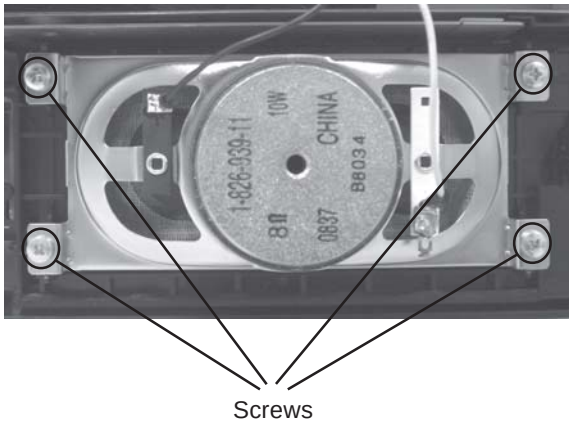


Remove the 4 stand fixing screws as indicated.

Screw Part number(s) and Description(s)

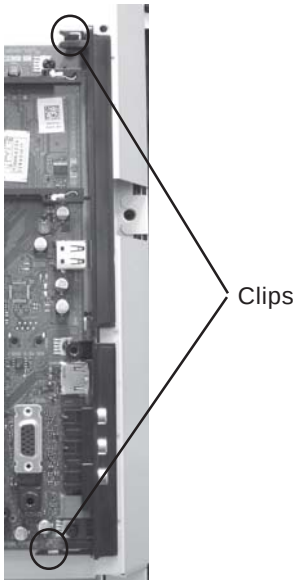
2-580-608-01 SCREW, +PSW M5X16

2-3. Loudspeaker Removal



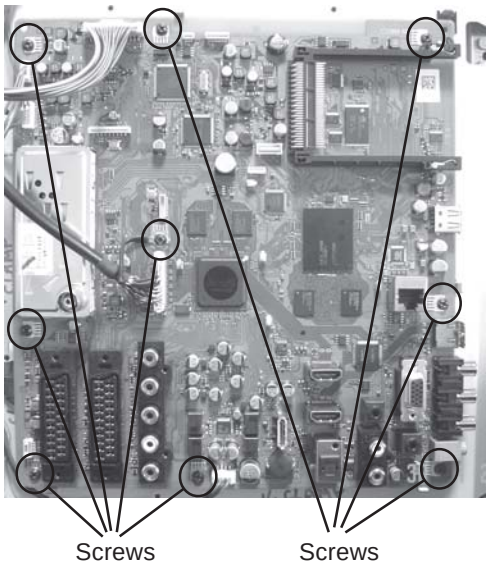
To remove the 'Loudspeaker' from its housing disconnect the speaker cables, remove the 4 screws circled and then pull the loudspeaker gently backwards away from the back of the TV set.

2-4. Side Jack Bracket Assy Removal



To remove the 'Side jack bracket assy' release the 2 clips circled.

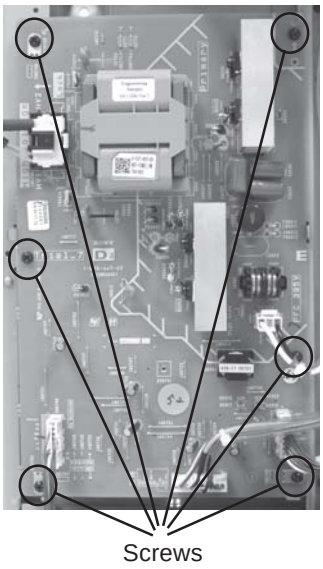
2-5. BE2 Board Removal



To remove the 'BE2' board disconnect all connectors and then remove the 9 screws circled and ease the board gently away from the back of the TV set.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

2-6. D4 Board Removal (52 inches)

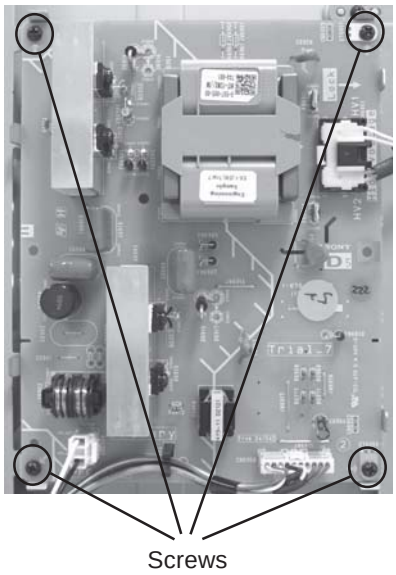


To remove the 'D4' board disconnect all connectors and then remove the 6 screws circled and ease the board gently away from the back of the TV set.

Note: Refer to page 4 - Hirose MDF61 connector.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

2-7. D5 Board Removal (52 inches)

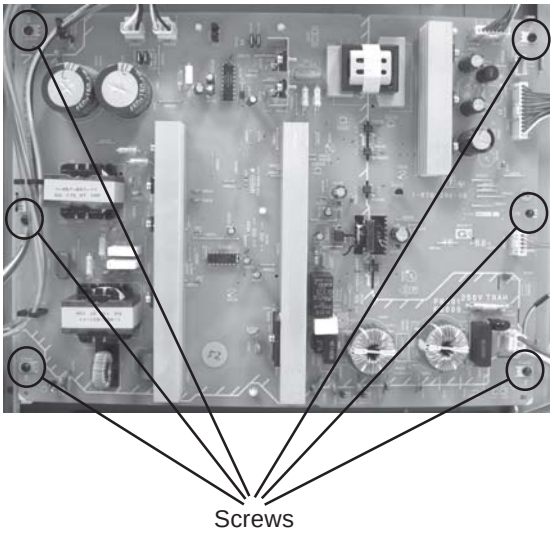


To remove the 'D5' board disconnect all connectors and then remove the 4 screws circled and ease the board gently away from the back of the TV set.

Note: Refer to page 4 - Hirose MDF61 connector.

Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

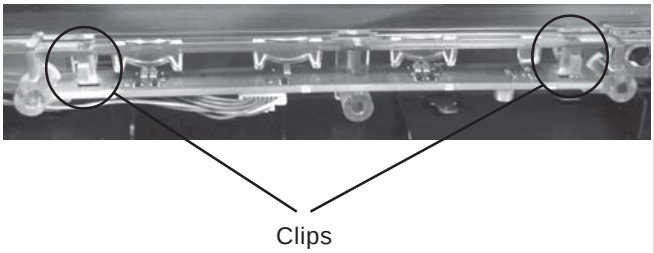
2-8. G5 Board Removal (52 inches)



To remove the 'G5' board disconnect all connectors and then remove the 6 screws circled and ease the board gently away from the back of the TV set.

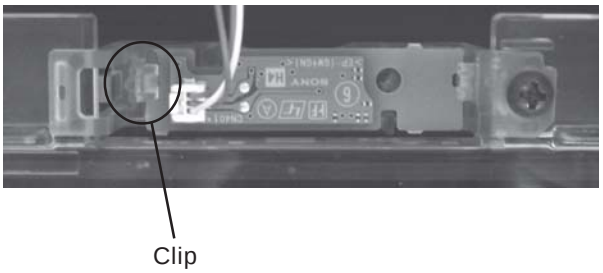
Screw Part number(s) and Description(s)
2-580-629-01 SCREW, +BVST 3X8

2-9. H3E Board Removal



To remove the 'H3E' board disconnect the connector and then release the 2 clips circled and gently ease the board towards you and away from the back of the TV set.

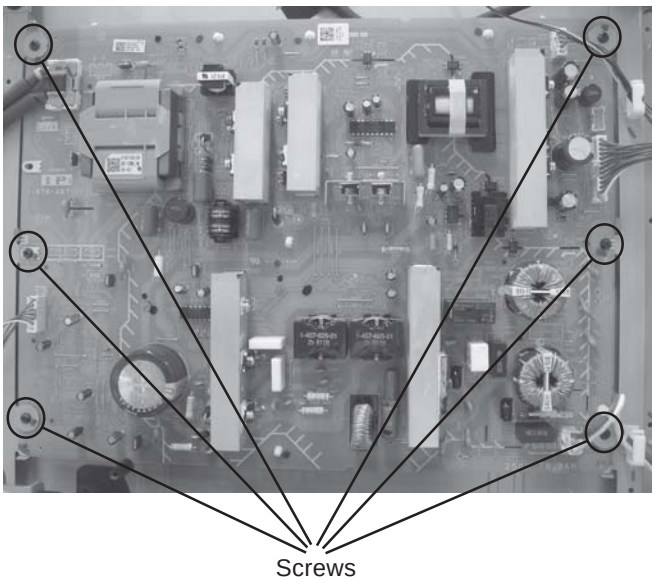
2-10. H4 Board Removal



To remove the 'H4' board disconnect the connector and then release the 1 clip circled and ease the board gently towards you and away from the back of the TV set.

Ver 2.0

2-11. IP5 Board Removal (40/46 inches)



To remove the 'IP5' board disconnect all connectors and then remove the 6 screws circled and ease the board gently away from the back of the TV set. It is vital to replace the 4 metal washers when replacing the 'IP5' board as they are a countermeasure for drop test.

Note: Refer to page 4 - Hirose MDF61 connector.

Screw Part number(s) and Description(s)

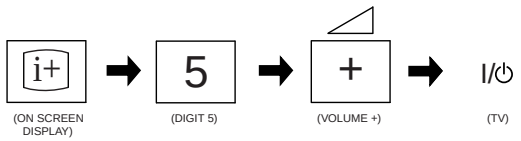
2-580-629-01 SCREW, +BVST 3X8

SECTION 3 ADJUSTMENTS

3-1. How to enter the Service Mode

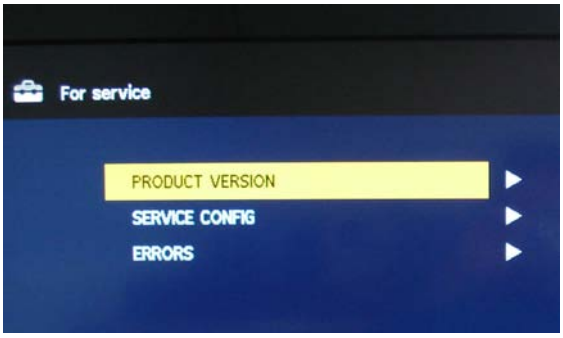
Service adjustments to this model can be performed using the supplied Remote Commander RM-ED013.

1. Turn on the power to the TV set and enter into the stand-by mode.
2. Press the following sequence of buttons on the Remote Commander.



3. The following menu appears on the screen (See Pic.1).

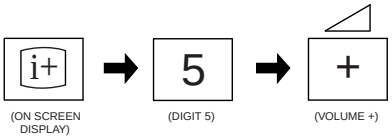
Pic.1



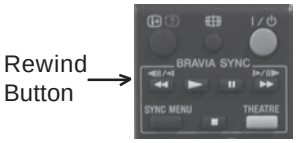
4. Move to the corresponding adjustment item using the '↑' or '↓' arrow buttons on the Remote Commander.
5. Press the '→' arrow button to enter into the required menu item.
6. Adjust the data value using the '↑' or '↓' arrow buttons on on the Remote Commander.
7. To go back at any time press the 'Return' button on the Remote Commander.
8. Press the 'Menu' button on the Remote Commander to quit the Service Mode when all adjustments have been completed.

Note :

- To place the Remote Commander in 'Service Mode' press the following buttons together for two seconds.



- To use the Remote Commander in 'Service Mode' press the rewind button on the Remote Commander twice.



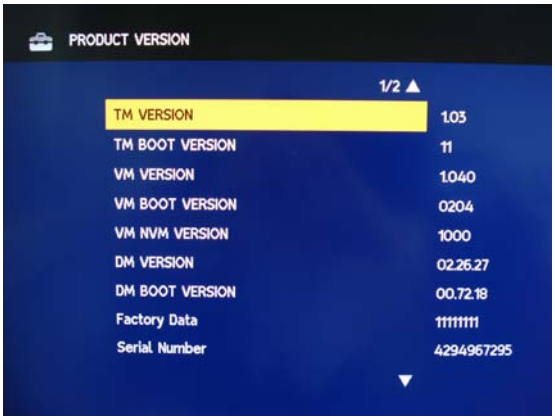
TT will then appear in the bottom right hand corner of the TV.

- To take the Remote Commander out of 'Service Mode' press the same buttons above together again for two seconds or remove the batteries from the Remote Commander.
- After carrying out the service adjustments, to prevent the customer accessing the 'Service Menu' switch the TV set OFF and then ON again.

3-2. Product Version

1. The following menu appears on the screen when you enter the 'Product Version' menu (See Pic.2). Be sure to check all pages.

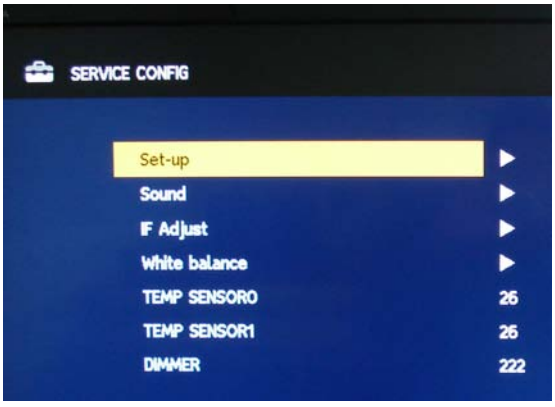
Pic.2



3-3. Service Config

1. The following menu appears on the screen when you enter the 'Service Config' menu (See Pic.3).

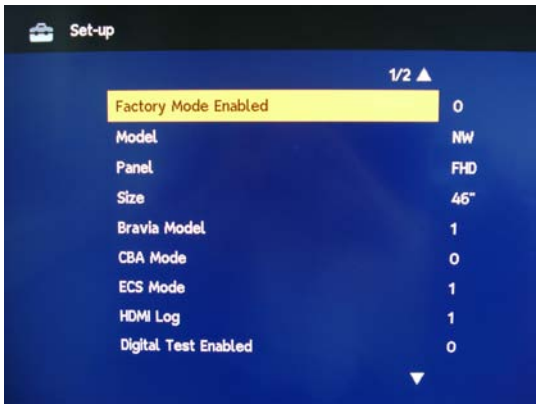
Pic.3



3-3-1. Set-Up

1. The following menu appears on the screen when you enter the ‘Set-up’ menu (See Pic.4). Be sure to check all pages.

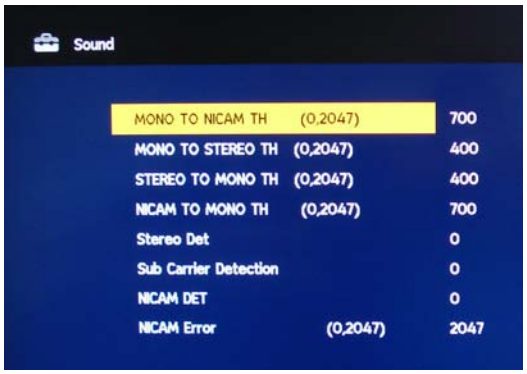
Pic.4



3-3-2. Sound

1. The following menu appears on the screen when you enter the ‘Sound’ menu (See Pic.5).

Pic.5


Sound
MONO TO NICAM TH (0,2047) 700
MONO TO STEREO TH (0,2047) 400
STEREO TO MONO TH (0,2047) 400
NICAM TO MONO TH (0,2047) 700
Stereo Det 0
Sub Carrier Detection 0
NICAM DET 0
NICAM Error (0,2047) 2047

3-3-3. IF Adjust

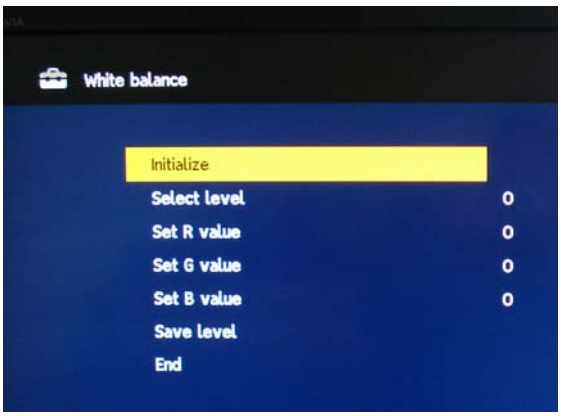
1. The following menu appears on the screen when you enter the ‘IF Adjust’ menu (See Pic.6).

Pic.6

3-3-4. White Balance

1. The following menu appears on the screen when you enter the ‘White balance’ menu (See Pic.7).

Pic.7



3-4. Error Menu

1. The following menu appears on the screen when you enter the ‘Error Menu’ menu (See Pic.8). Be sure to check all pages.

Pic.8

3-5. TT MODE

TT mode is available by setting the TV and Remote Commander for operation in Service Mode [As shown on Page 12]. The functions described below are then available by selecting the two numbers. To release the 'TT mode' press 00. To release the TT menu press the menu key.

00	'TT' mode off
03	Set volume to 35%
04	Set volume to 50%
05	Set volume to 65%
06	Set volume to 80%
07	Ageing mode on
08	Shipping Condition
09	WB level check
19	Factory mode toggle (on/off)
27	CBA mode toggle (ON/OFF)
31	ECS mode toggle (ON/OFF)
32	Set BCN channels preset
33	Disconnect/Connect EDID WRITE to/from I2C general bus
34	HDMI log enable/disable
39	Enable digital test
41	Re-initialise NVM
43	Select Dual Sound A
44	Select Dual Sound B
45	Select Dual Sound Mono
46	Select Dual Sound Stereo
48	Set NVM as non-virgin
49	Set NVM as virgin
51	EG1LL-GAUDI NW 40
52	EG1LL-GAUDI NW 46
53	EG1LL-GAUDI NW 52
54	Watchdog toggle
55	EG1LL-GAUDI BM 40
56	EG1LL-GAUDI BM-L 40
57	EG1LL-40L4000

59	Visual I2C toggle (VCT micro slave mode)
61	EG1LL-GAUDI NW 40 - VE Panel
62	EG1LL-GAUDI NW 46 - VE Panel
63	EG1LL-GAUDI NW 52 - VE Panel
65	EG1LL-GAUDI BM 40 - VE Panel
66	EG1LL-GAUDI BM-L 40 - VE Panel
67	EG1LL-40L4000 - VE Panel
72	VESA/JEIDA panel selection
73	HDMI number of inputs (2 or 3)
75	Set centred balance
76	Set volume to max
77	Set volume to min
78	Set balance full left
79	Set balance full right
81	Digital BER display
82	Digital Service menu
83	Digital colour bar output from DENC
84	TS CI path through
85	Digital tuner power down (Only one power cycle, default is no power down)
86	Switch between two digital SW banks
87	Local keys test
88	Digital shipping conditions (Clear tune database)
89	LED test
91	OAD enable/disable toggle
92	TS CI path through with Reed Solomon off
93	LNA Setting On/Off (toggle)
96	Digital debug output: Enable/Disable
97	Digital 656 output: Enable/Disable
98	Digital Auto Reset function: Enable/Disable

Note : There are 2 types of panel fitted to this product:
1. Non-VE Panel
2. VE Panel

} See Technical Bulletin

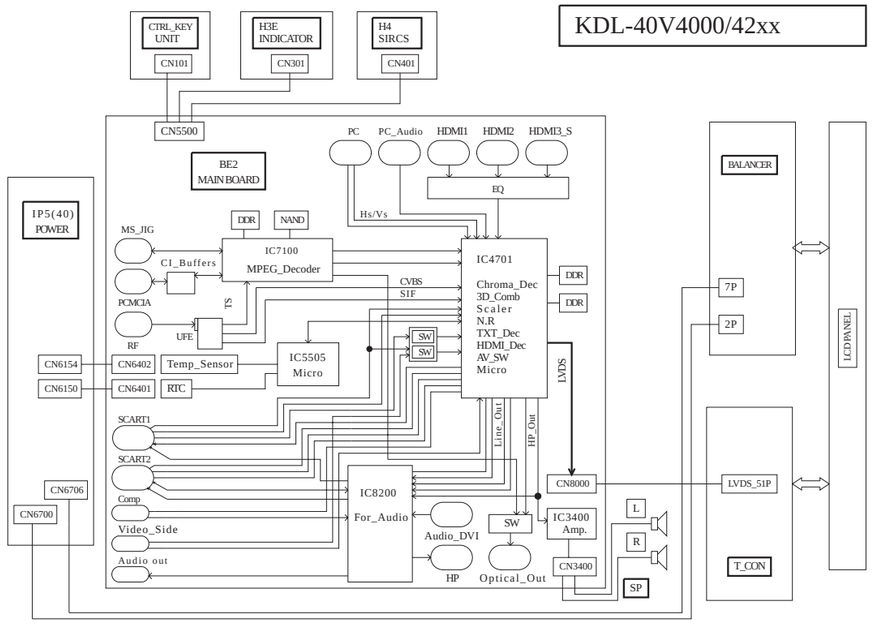
Ensure correct 'TT' commands are used for panel and screen size as shown in the above table. Check settings as follows.

Press the MENU on the Remote Commander and use the arrow keys to select the following menu options

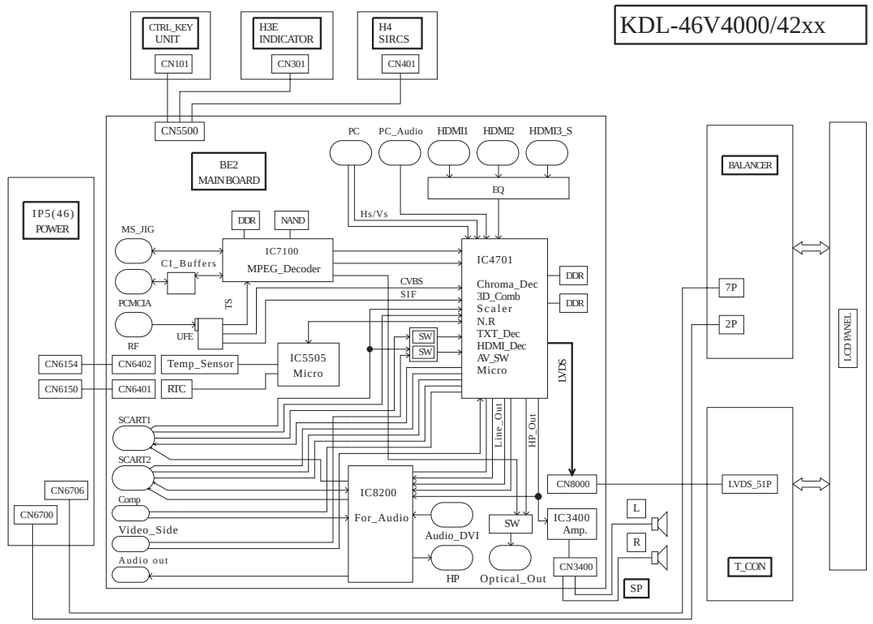
SETTINGS -> SET-UP -> PRODUCT INFORMATION.

The screen as shown in the example below will appear. Check that the correct model information is displayed. If incorrect repeat above procedure.

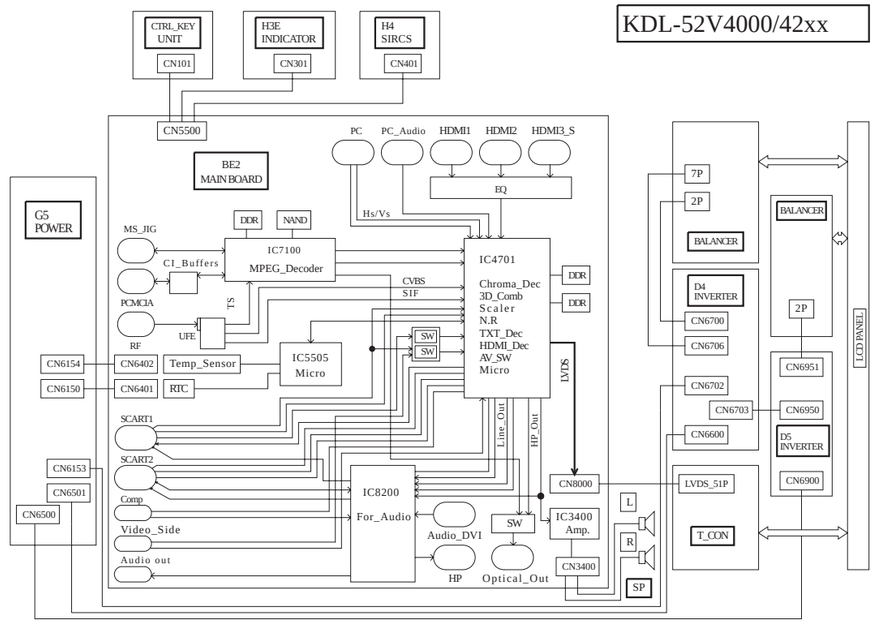
KDL-40V4000/42xx



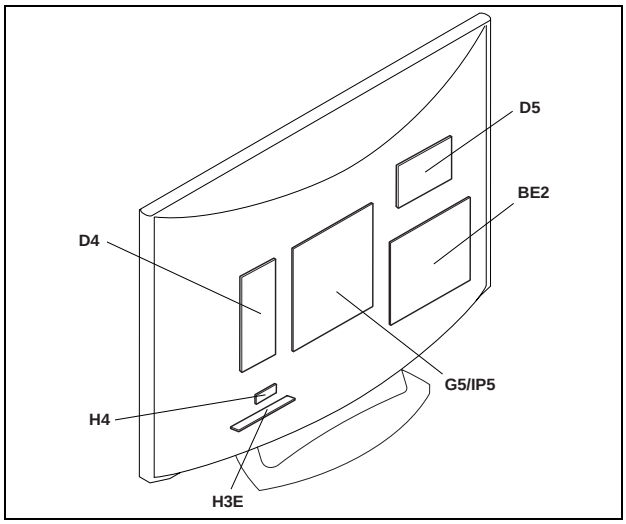
KDL-46V4000/42xx



KDL-52V4000/42xx



4-2. CIRCUIT BOARD LOCATION



4-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note :

- All capacitors are in µF unless otherwise noted.
- pF : µµF 50WV or less are not indicated except for electrolytic types.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm
Electrical power rating : 1/4W

- Chip resistors are 1/10W
- All resistors are in ohms.
  k = 1000 ohms, M = 1000,000 ohms
- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerences.
- : B + bus.
- : B - bus.
- : RF signal path.
- : earth - ground.
- : earth - chassis.

Reference Information

RESISTOR	**RN**	: METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
		: ADJUSTMENT RESISTOR
COIL	**LF-8L**	: MICRO INDUCTOR
CAPACITOR	**TA**	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

Note : Les composants identifiés par une trame et par une marque ⚠ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié. specified.

Note : The components identified by mark 🔒 contain confidential information. Strictly follow the instructions whenever the components are repaired and/or replaced.

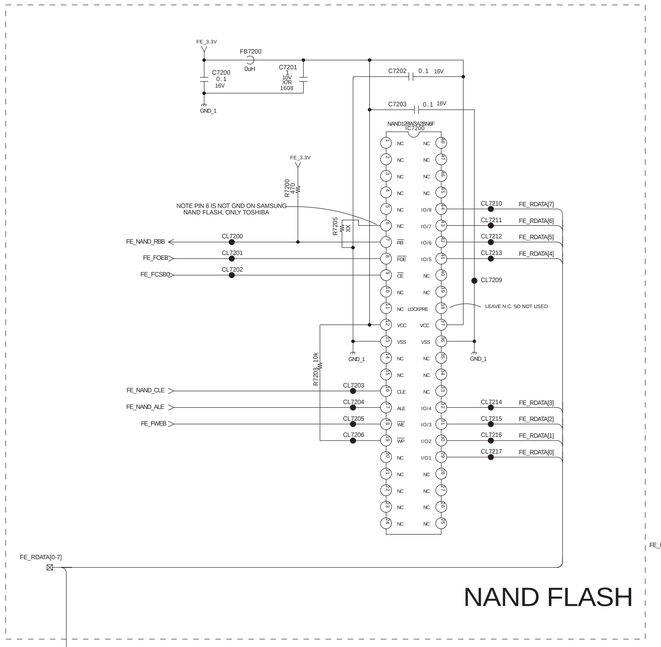
Note: Schematic diagrams are for reference only. Please refer to the electrical parts list for the correct value and part number of components.

RESERVED FOR HI_RES GRAPHICS

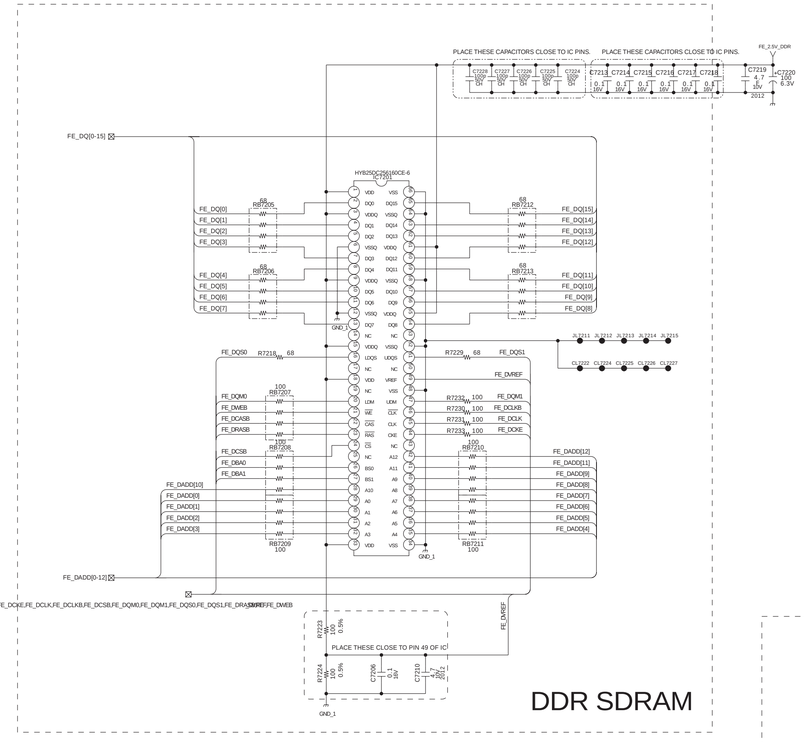
IC7100
UPD61123F1-100-KA3-A

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

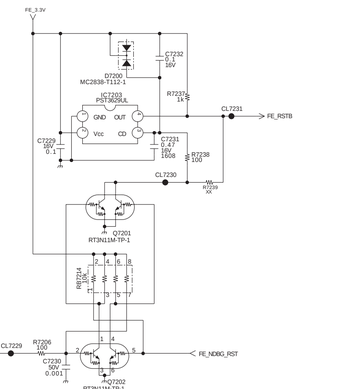
BE2 - EG1L

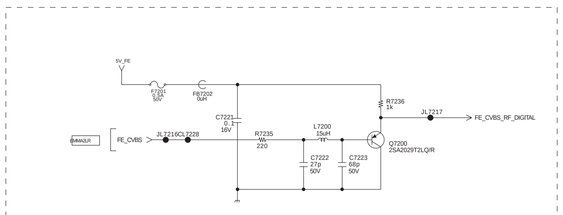


NAND FLASH

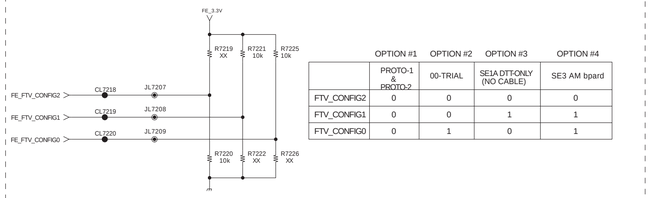


DDR SDRAM



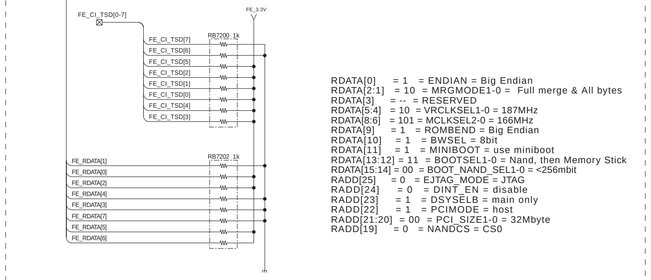


VIDEO BUFFERS

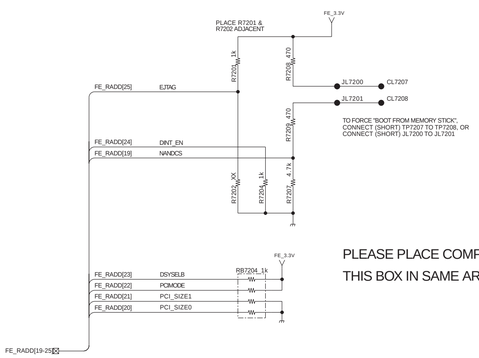


	OPTION #1	OPTION #2	OPTION #3	OPTION #4
	PROTO-1 & PROTO-2	00-TRIAL	SE1A DTT-ONLY (NO CABLE)	SE3 AM bpard
FTV_CONFIG2	0	0	0	0
FTV_CONFIG1	0	0	1	1
FTV_CONFIG0	0	1	0	1

S/W OPTION SELECT RESISTORS

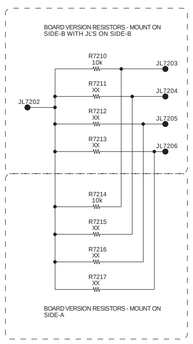


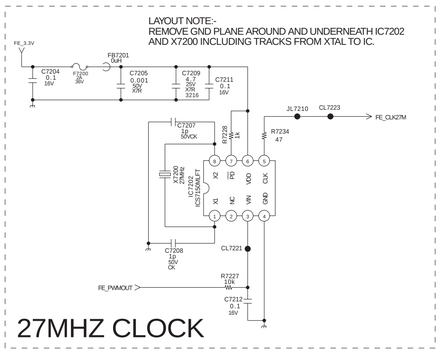
RDATA[0] = 1 = ENDIAN = Big Endian
RDATA[2:1] = 10 = MRGMODE1-0 = Full merge & All bytes
RDATA[3] = -- = RESERVED
RDATA[5:4] = 10 = VRCLKSEL1-0 = 187MHz
RDATA[8:6] = 101 = MCLKSEL2-0 = 166MHz
RDATA[9] = 1 = ROMBEND = Big Endian
RDATA[10] = 1 = BWSEL = 8bit
RDATA[11] = 1 = MINIBOOT = use miniboot
RDATA[13:12] = 11 = BOOTSEL1-0 = Nand, then Memory Stick
RDATA[15:14] = 00 = BOOT_NAND_SEL1-0 = <256mbit
RADD[25] = 0 = EJTAG_MODE = JTAG
RADD[24] = 0 = DINT_EN = disable
RADD[23] = 1 = DSYSELB = main only
RADD[22] = 1 = PCIMODE = host
RADD[21:20] = 00 = PCI_SIZE1-0 = 32Mbyte
RADD[19] = 0 = NANDCS = CS0



PLEASE PLACE COMPONENTS IN THIS BOX IN SAME AREA ON PWB

STRAP PINS





27MHZ CLOCK

BE2 2/16

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BE2 - EG1L

BE2 3/16

TS from CAM

TS to CAM

TS to CAM

TS to EMMA

CTRL to/from CAM

ADDR to CAM

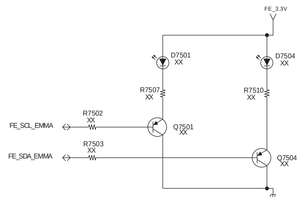
DATA to/from CAM

All JL's are 0.6mm unless otherwise stated
All R's & C's are size 1005 unless otherwise stated

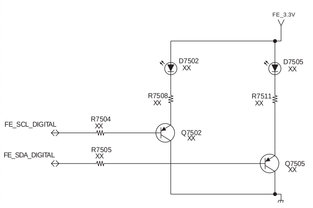
PCMCIA DVB-CI CONNECTOR

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

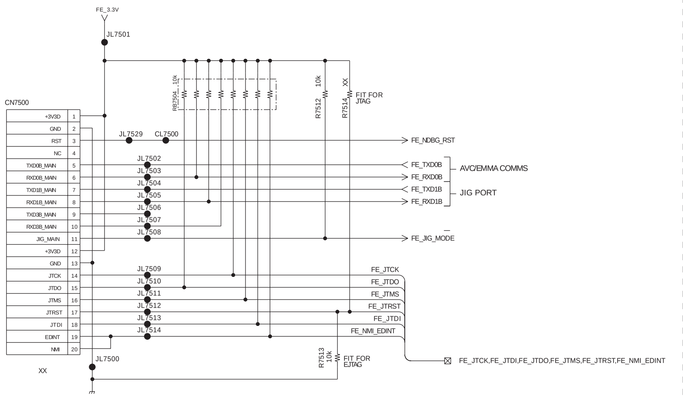
I2C_TV



I2C_DVBC/COFDM

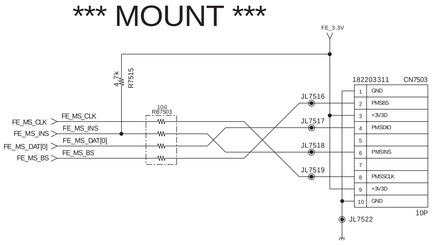


DEBUG UARTS & EJTAG



*** MOUNT ***

SERVICE (MEMORY STICK) CONNECTOR

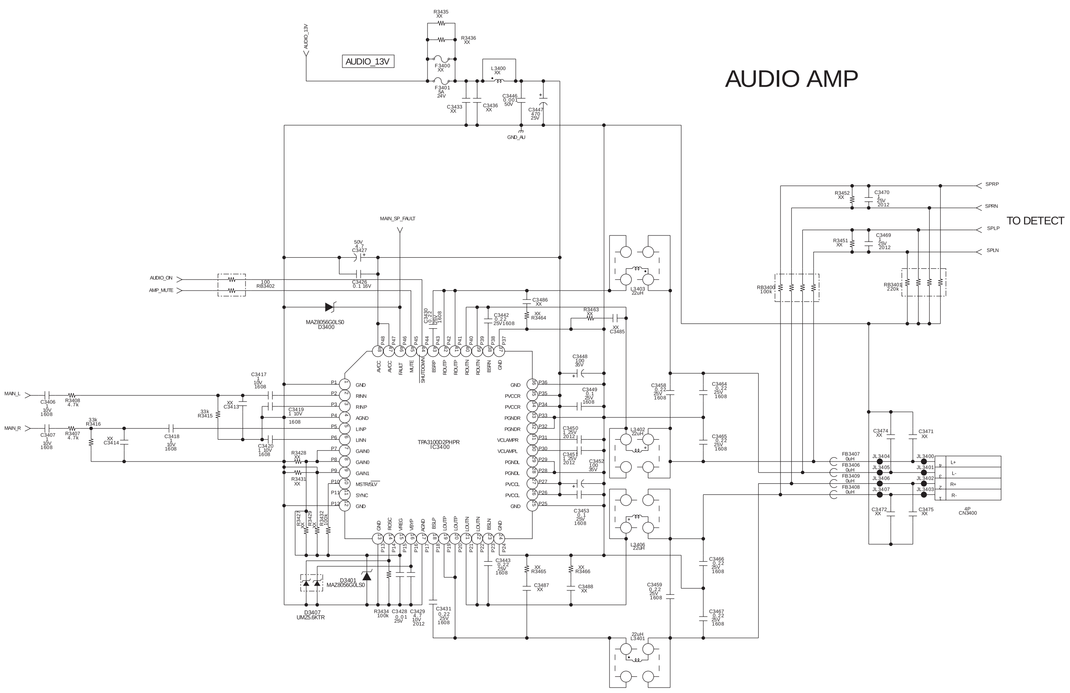


BE2 4/16

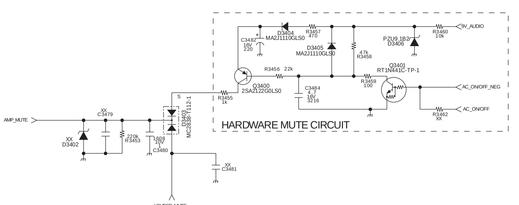
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

~ BE2 Board Schematic Diagram [Main Microcontroller, HDMI/AV Side/PC Input, Audio Processor, Scarts] Page 4/16 ~

AUDIO AMP



HARDWARE MUTE CIRCUIT

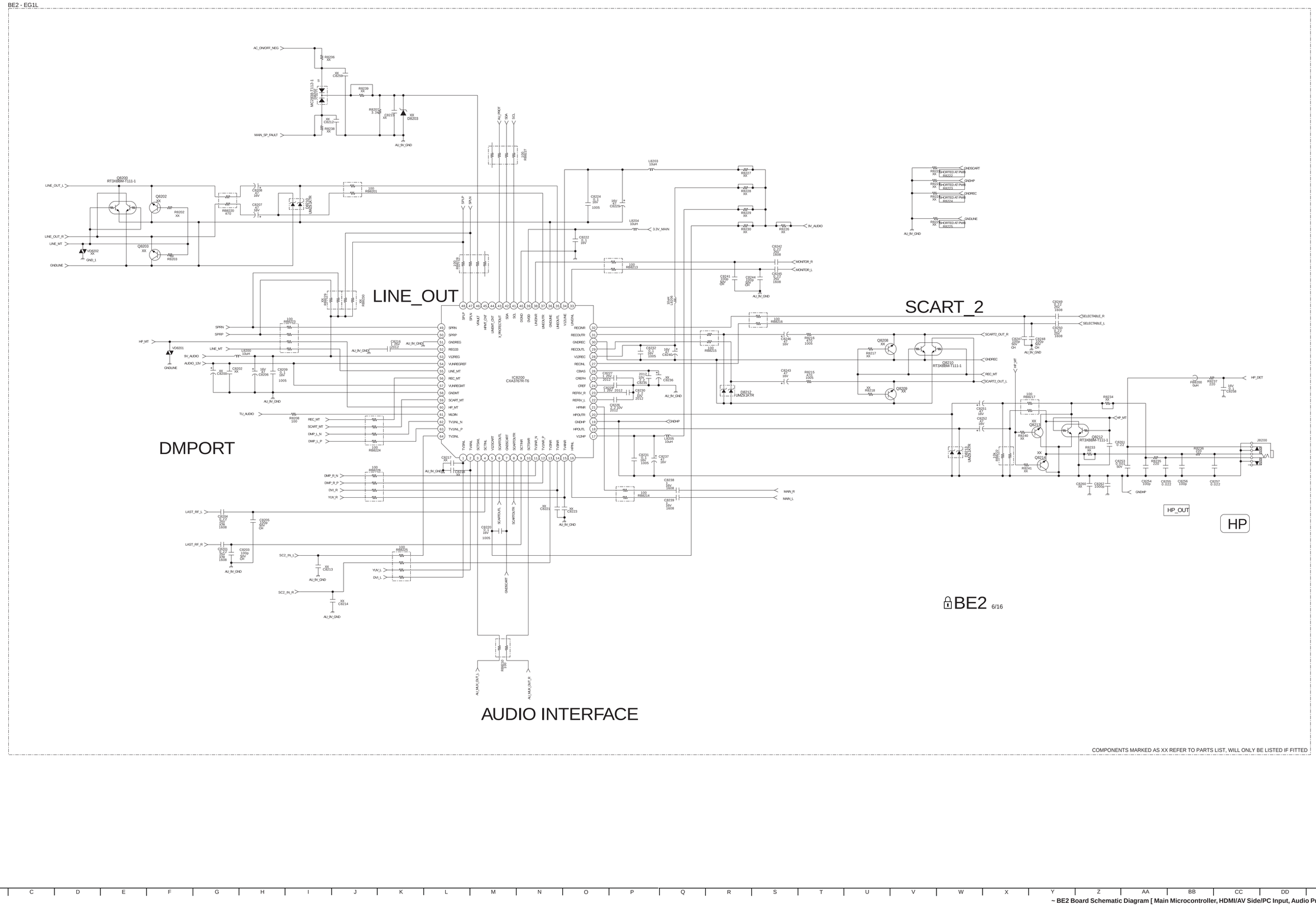


BE2 5/16

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

~ BE2 Board Schematic Diagram [Main Microcontroller, HDMI/AV Side/PC Input, Audio Processor, Scarts] Page 5/16 ~

BE2 - EG1L


LINE_OUT
SCART_2
DMPORT
AUDIO INTERFACE
HP
HP_OUT
BE2 6/16
AC_ON/OFF_NEG
MAIN_SP_FAULT
LINE_OUT_L
LINE_OUT_R
LINE_MT
GNDLINE
HP_MT
SPRN
SPRP
TU_AUDIO
REC_MT
SCART_MT
DMP_L_N
DMP_L_P
DMP_R_N
DMP_R_P
DVI_R
YUV_R
LAST_RF_L
LAST_RF_R
SC2_IN_L
SC2_IN_R
YUV_L
DVI_L
MONITOR_R
MONITOR_L
MAIN_R
MAIN_L
SELECTABLE_R
SELECTABLE_L
SCART2_OUT_R
SCART2_OUT_L
HP_DET
IC8200
CXA2507R-T6
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BE2 - EG1L

+5V REG

3.15A

+1V8 & +3V3 REG

Cu Heatsink

Add 16mmx16mm area
Connect to TAB of
Regulator

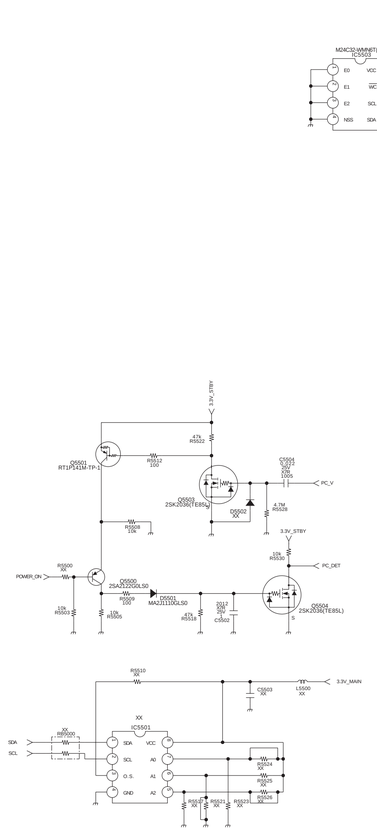
1.05V_EMMA_PLL

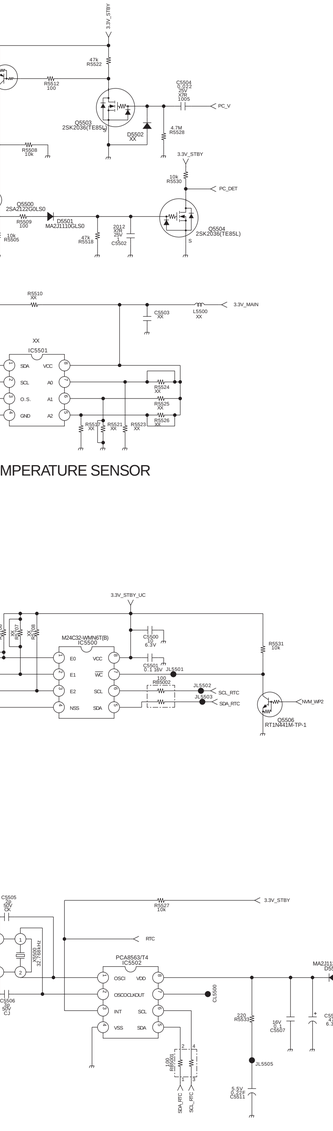
BE2 7/16

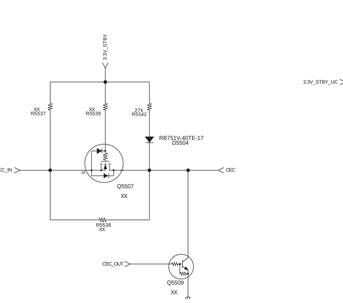
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BE2 - EG1L

TEMPERATURE SENSOR







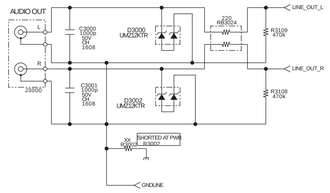
BE2 - EG1L

BE2 9/16

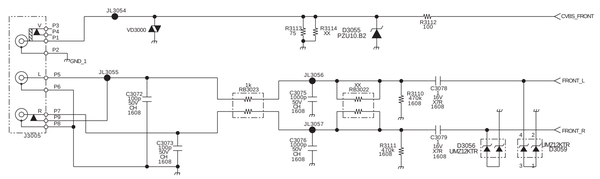
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BE2 10/16

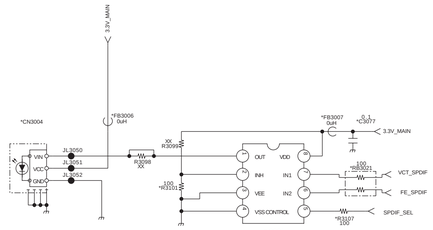
LINE OUT



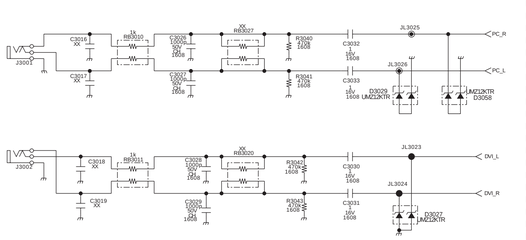
LATERAL A/V CONNECTOR

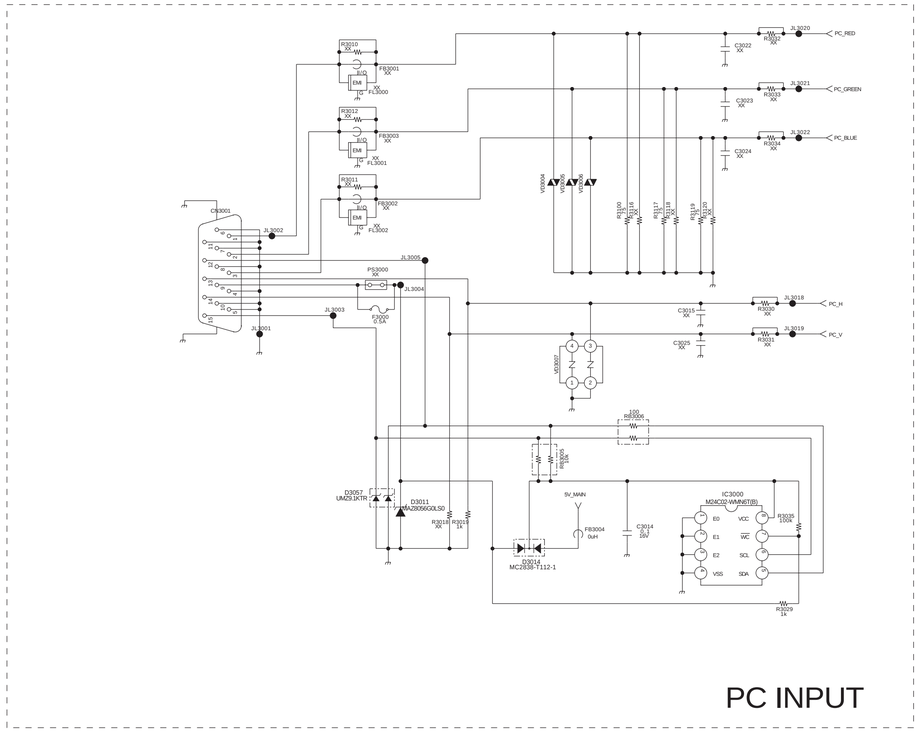


SPDIF OPTICAL OUT



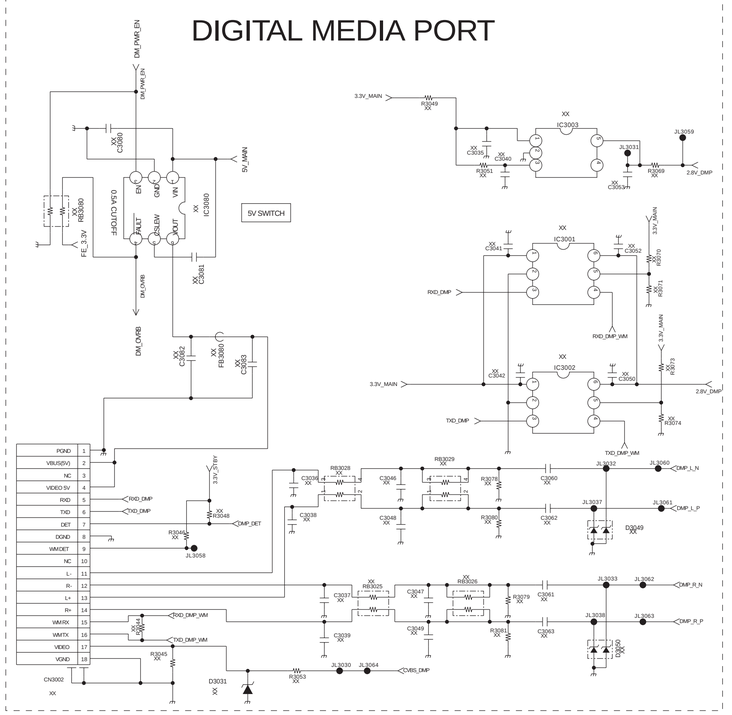
DVI/PC AUDIO INPUT





PC INPUT

DIGITAL MEDIA PORT



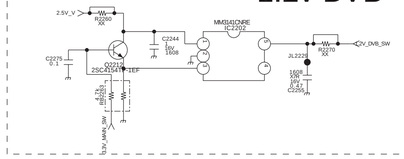
DIGITAL MEDIA PORT

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

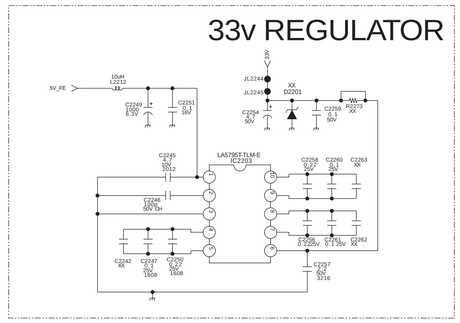
BE2 - EG1L

BE2 11/16

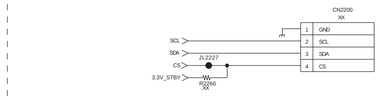
1.2v DVB



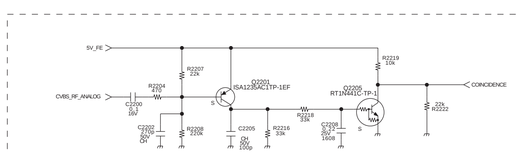
33v REGULATOR



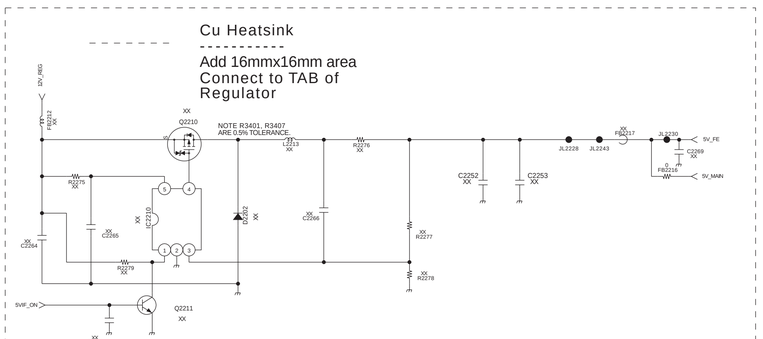
SERVICE CONNECTOR



COINCIDENDE CIRCUIT



5V_FE_REG

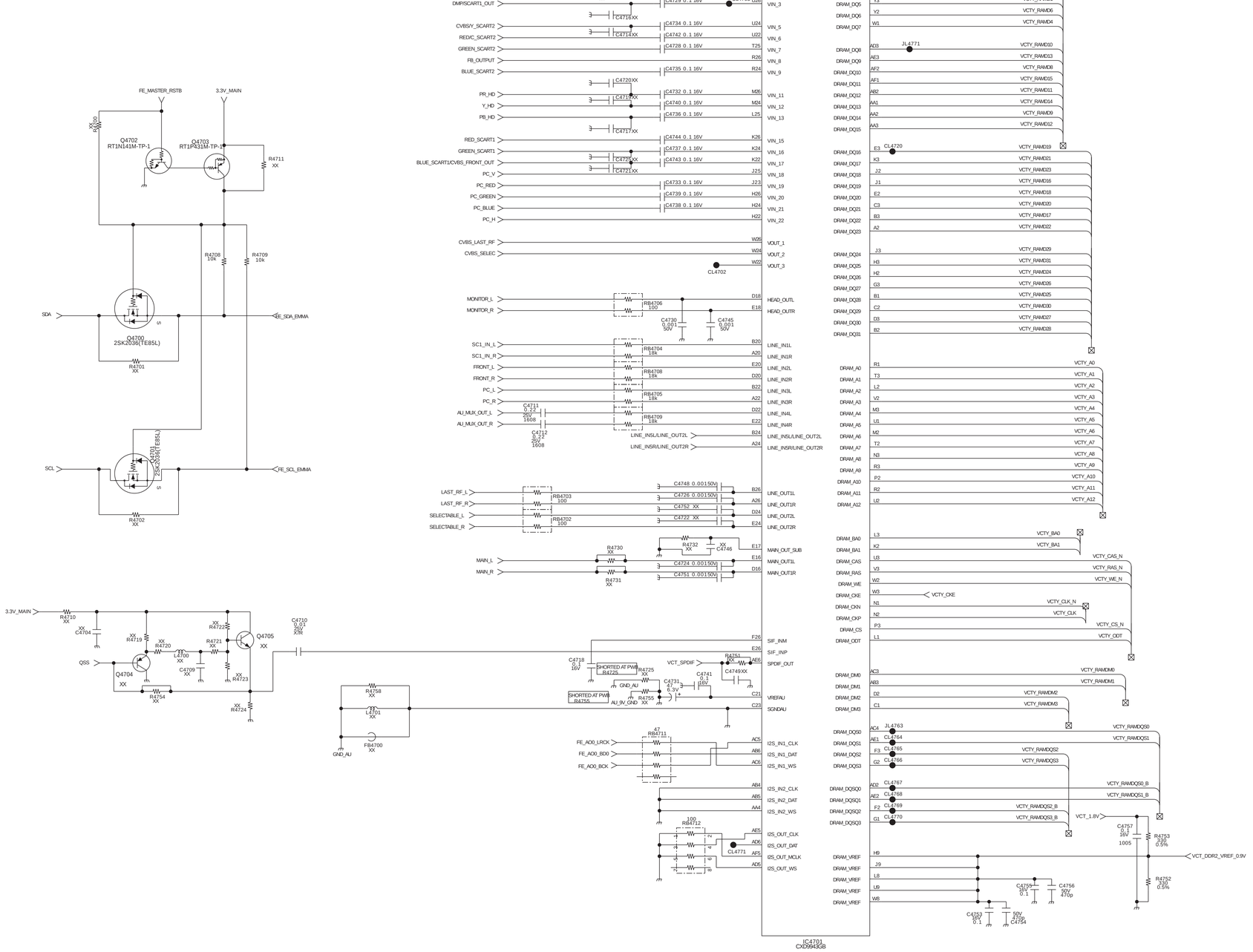


COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BE2 - EG1L
BE2 12/16
PLACE A PAIR OF THESE CAPS CLOSE TO EACH VDD, VDDQ PIN
VCT_1.8V
1.8V_VCC
FL4001
EMI
HYB18TC256160BF-3S
IC4001
FB4000
0uH
VCT_DDR2_VREF_0.9V
PLACE CLOSE TO UREF PIN
THESE JL'S ON SIDE-B (REST ON SIDE-A)
PLACE RESISTOR CLOSE TO DDR
VCTY_RAMCKE
VCTY_RAMODT
VCTY_RAMWE_N
VCTY_RAMRAS_N
VCTY_RAMCAS_N
VCTY_RAMCS_N
VCTY_RAMCLK_N
VCTY_RAMCLK
VCTY_RAMDQS1_B
VCTY_RAMDQS1
VCTY_RAMDQS0_B
VCTY_RAMDQS0
VCTY_RAMDM0
VCTY_RAMDM1
VCTY_RAMBA1
VCTY_RAMBA0
RB4016
RB4015
RB4017
PLACE RESISTORS CLOSE TO VCTY
RB4012
RB4013
RB4014
HYB18TC256160BF-3S
IC4002
FB4001
0uH
VCTY_RAMDQS3_B
VCTY_RAMDQS3
VCTY_RAMDQS2_B
VCTY_RAMDQS2
VCTY_RAMDM2
VCTY_RAMDM3
RB4018
RB4019
RB4020
IC4000
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

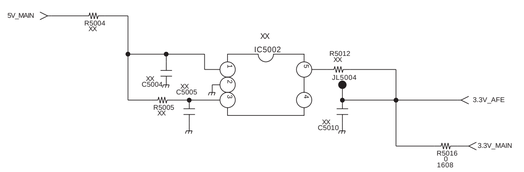
~ BE2 Board Schematic Diagram [Main Microcontroller, HDMI/AV Side/PC Input, Audio Processor, Scarts] Page 12/16 ~

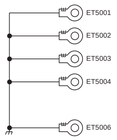
BE2 13/16



COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BE2 - EG1L

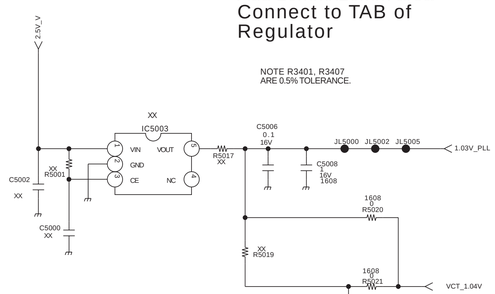




Cu Heatsink

Add 16mmx16mm area
Connect to TAB of
Regulator

NOTE R3401, R3407
ARE 0.5% TOLERANCE.

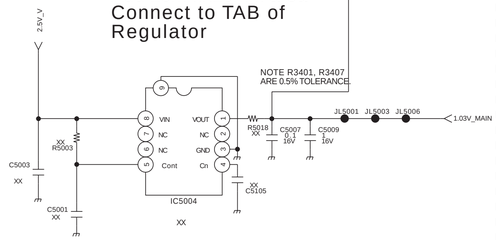


1.03V VCTPY_PLL

Cu Heatsink

Add 16mmx16mm area
Connect to TAB of
Regulator

NOTE R3401, R3407
ARE 0.5% TOLERANCE.

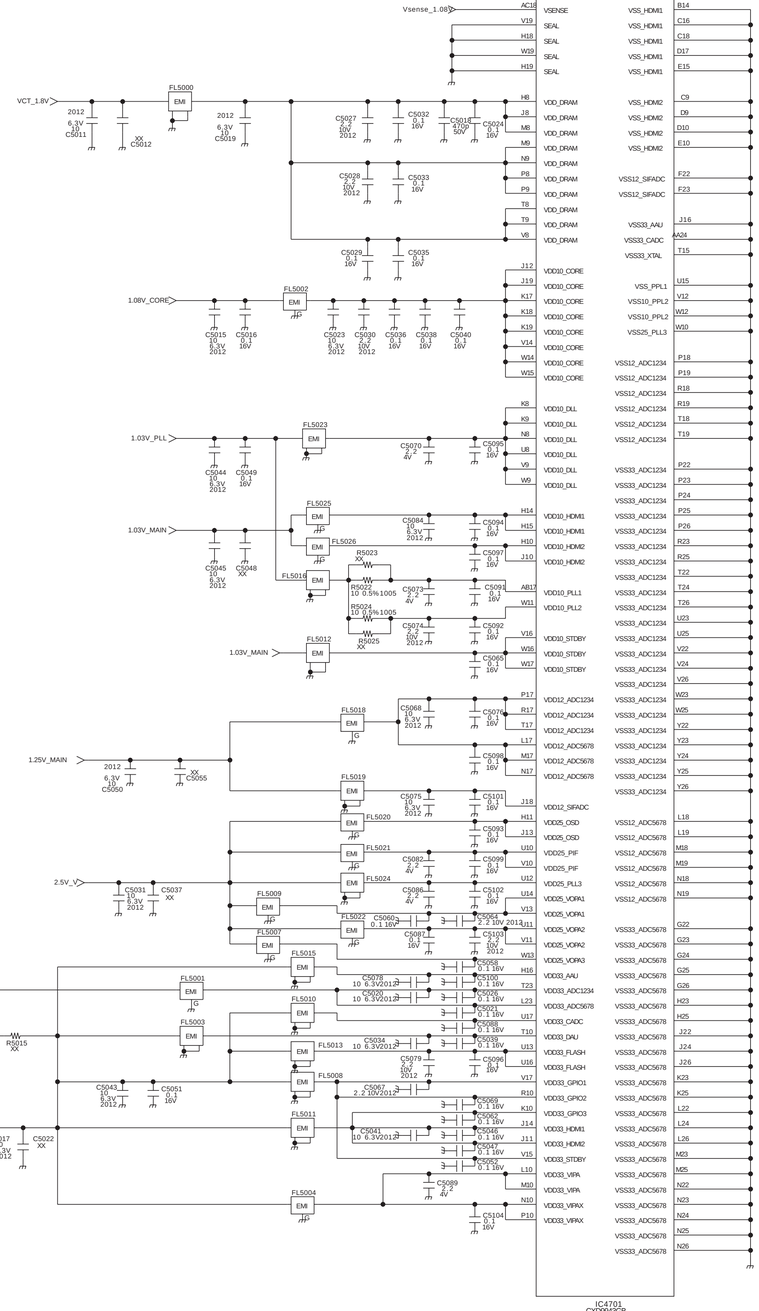


1.03V H & S

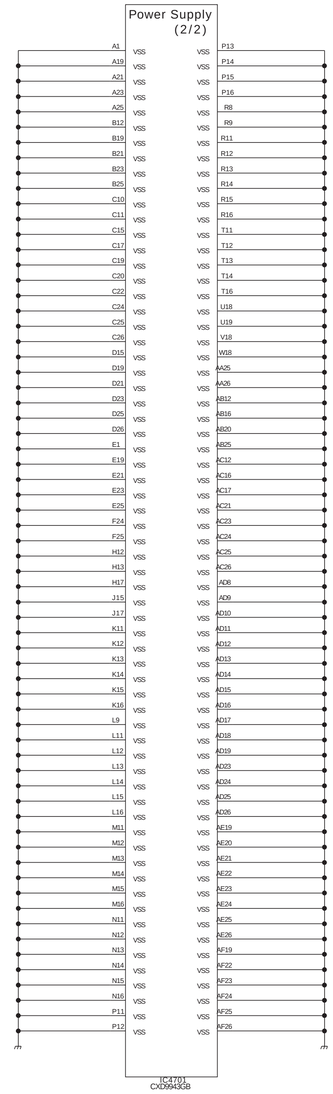
Mount Mecha	A5000	329957511	

BE2 14/16

Power Supply(1/2)



Power Supply
(2/2)



COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BE2 - EG1L

SINGLE MACRO AT PWB

Control and Digital Video I/O

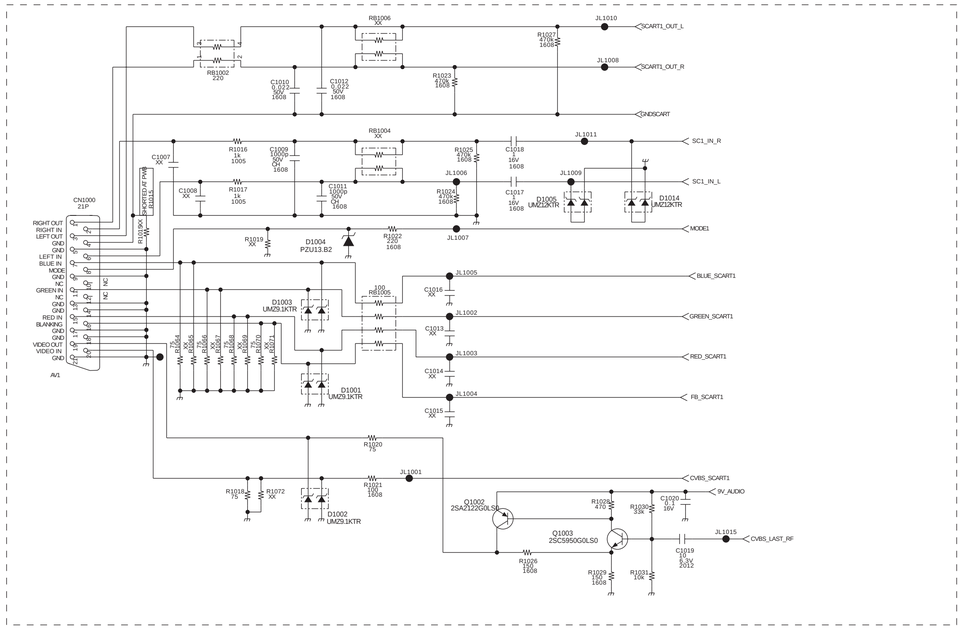
IIC4701
CXD2964GB

BE2 15/16

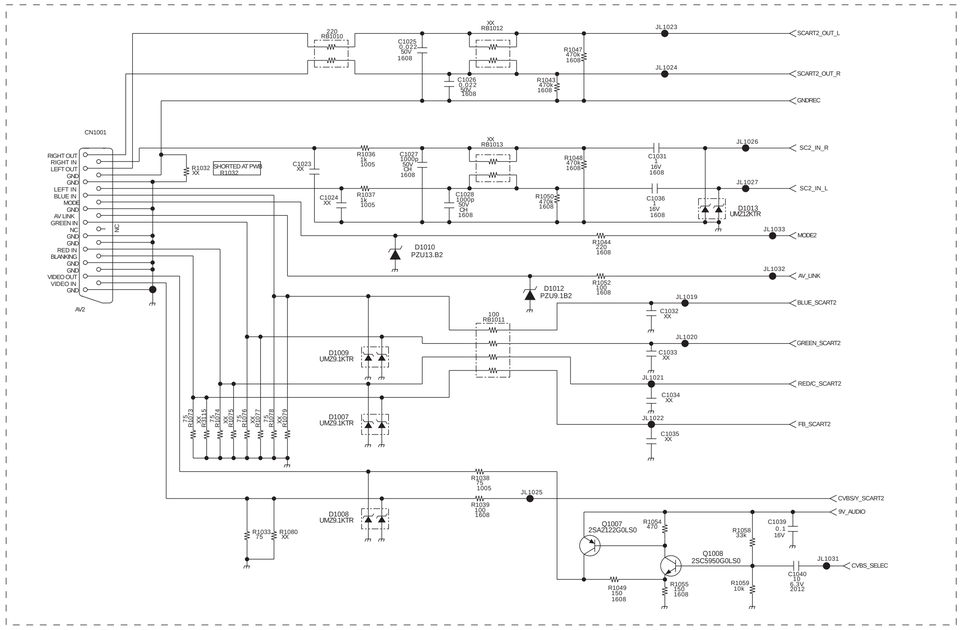
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BE2 - EG1L

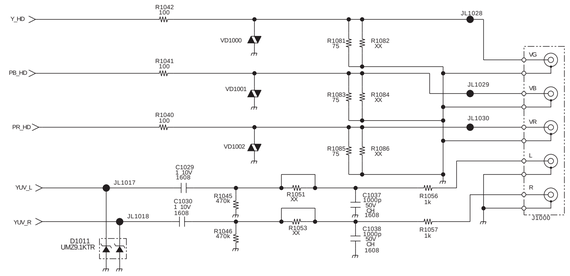
SCART1

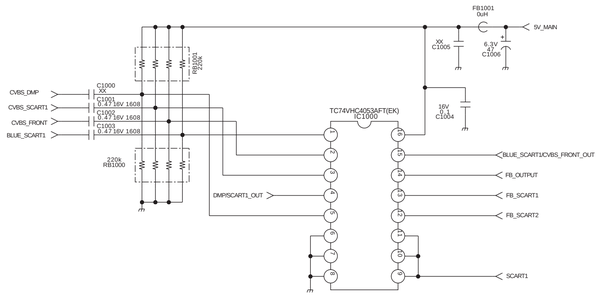


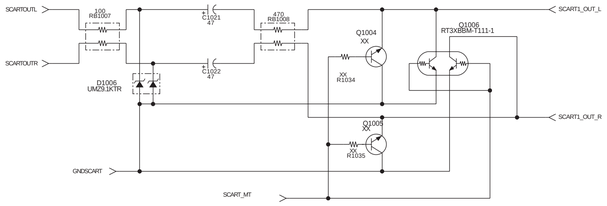
SCART2

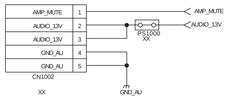


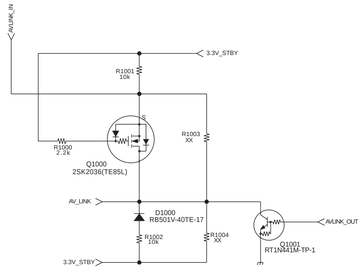
COMPONENT INPUT

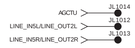


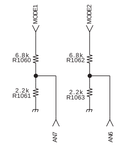












BE2 16/16

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

D4 - EG1L

D4 INVERTER POWER SUPPLY

NEW HIT-1300 TYPE
40" HIT-1300
46" HIT-1301
52" HIT-1302

40" FDK NEW Drive Trans
46" SANKEN NEW Drive Trans
52" SANKEN NEW Drive Trans

Y CAP
MURATA TYPE:KK
TDK TYPE:CD

HIROSE MDF61
HIGH VOLTAGE OUTPUT

SUFFIX
40INCH
46INCH
52INCH

52" ONLY

FROM G BOARD

TO BALANCER

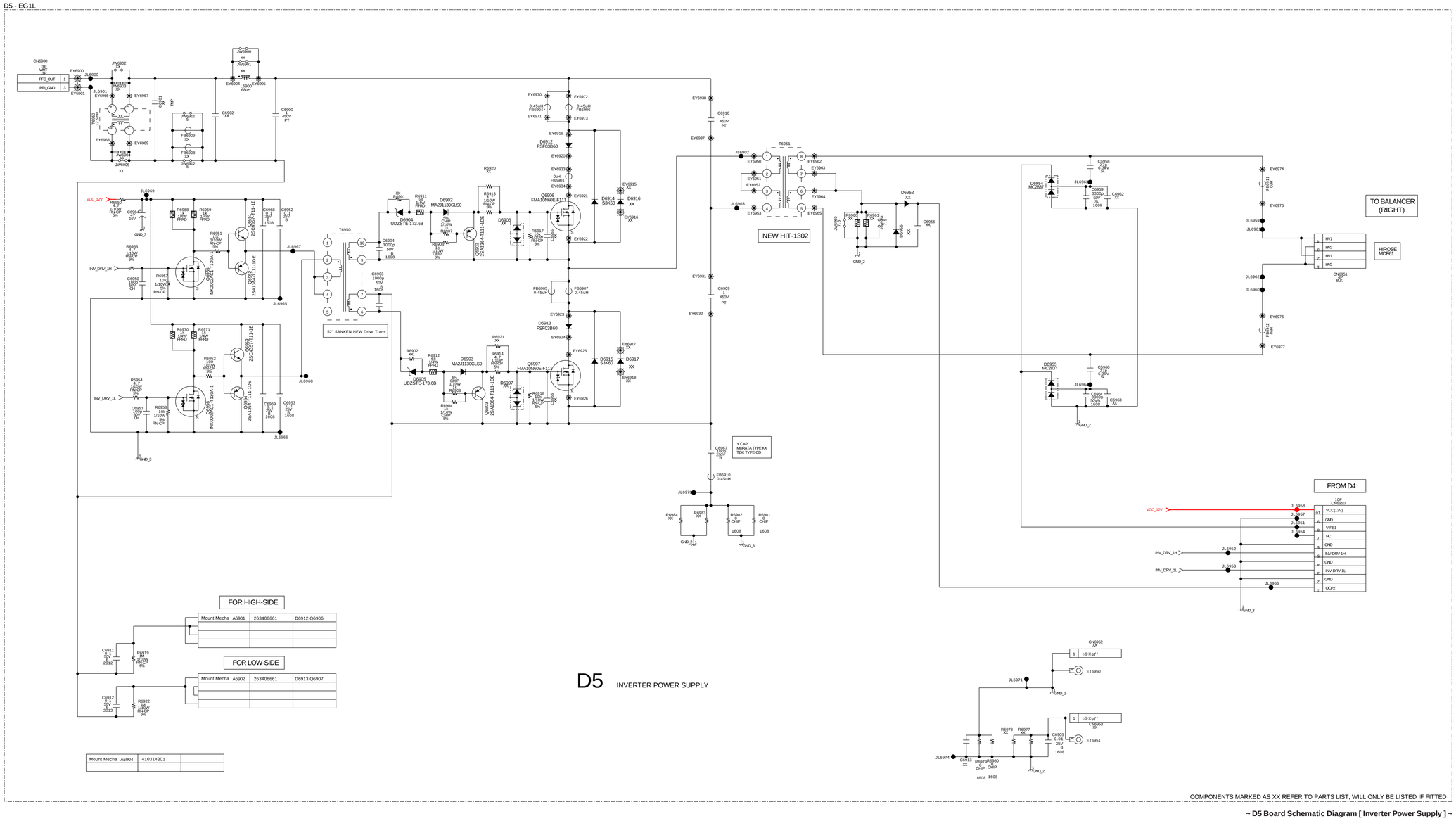
FOR 40"

FOR 46",52"

To D5

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

D5 - EG1L

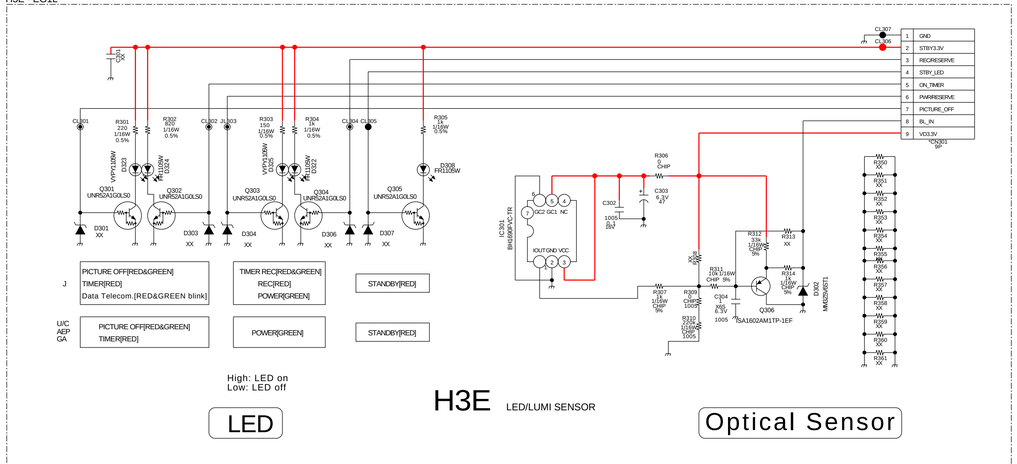


D5 INVERTER POWER SUPPLY

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

~ D5 Board Schematic Diagram [Inverter Power Supply] ~

H3E - EG1L

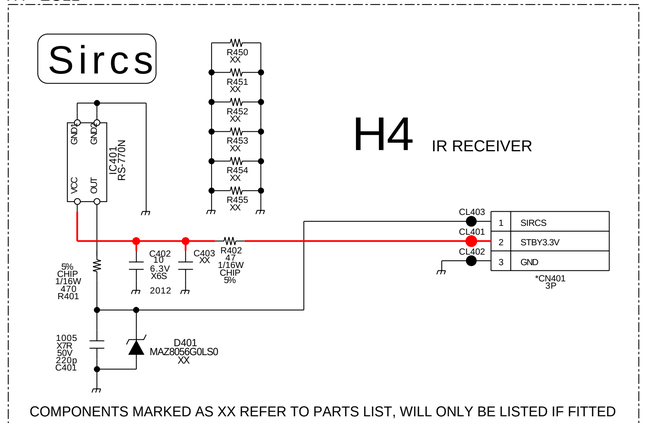


H3E LED/LUMI SENSOR

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

~ H3E Board Schematic Diagram [LED/Lumisensor] ~

H4 - EG1L



H4 IR RECEIVER

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

~ H4 Board Schematic Diagram [IR Receiver] ~

Mount Mecha		
A6001	263406641	D6000

26.5mm
165mm

Mount Mecha	A6014	263406641	Q6500,Q6501,TH6301,D6502

26.5mm
165mm

Mount Mecha	A6002	234989201	Q6100,Q6101

Mount Mecha	A6003	263406651	D6150,D6151,D6152

Mount Mecha	A6000	345213401	

Mount Mecha	A6005	345213401	

Mount Mecha	A6004	410314301	

Mount Mecha	A6007	410314301	XX

Mount Mecha	A6008	410314301	

Mount Mecha	A6006	410314301	XX

SLAVE OPEN o

12V@4.4A

AUDIO @1.9A

MAIN FB

PFC_DET

POWER ON

PFC@OVP

PFC | OTP

STBY FB

AC DET

D10xL20

G5 POWER SUPPLY

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

Mount Mecha A6001	263406611	D6000

Mount Mecha A6005	263406611	Q6551,Q6552,TH6300,D6555

Mount Mecha A6002	234989201	Q6100,Q6101

Mount Mecha A6003	263406611	D6150,D6151,D6152

IP5 1/2 POWER SUPPLY

COMPONENTS MARKED AS XX REFER TO PARTS LIST. WILL ONLY BE LISTED IF FITTED

IP5 - EG1L

IP5 2/2

Mount Mecha A6607	263406661	D6604,Q6602

Mount Mecha A6608	263406661	D6605,Q6603

NEW HIT-1300 TYPE

40" HIT-1300

46" HIT-1301

HIROSE MDF61

High Voltage Output

HV1=2kVo-p

HV2=2KVo-p

HV1-HV2:XbgKv

395V

40" FDK NEW DRIVE TRANS

46" SANKEN NEW DRIVE TRANS

FROM Power Supply

FOR 40"

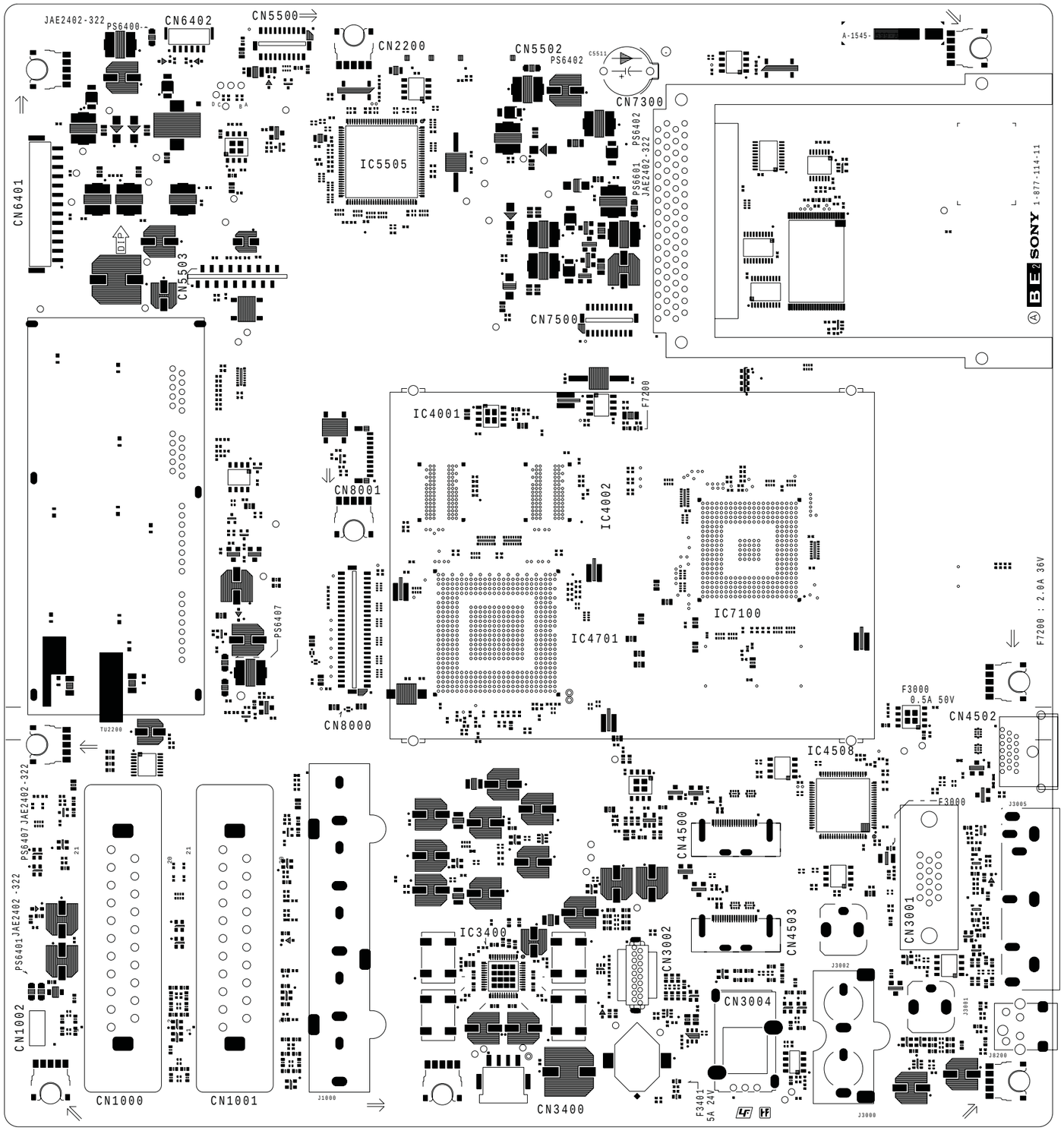
FOR 46"

TO BALANCER BOARD

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

Text Search

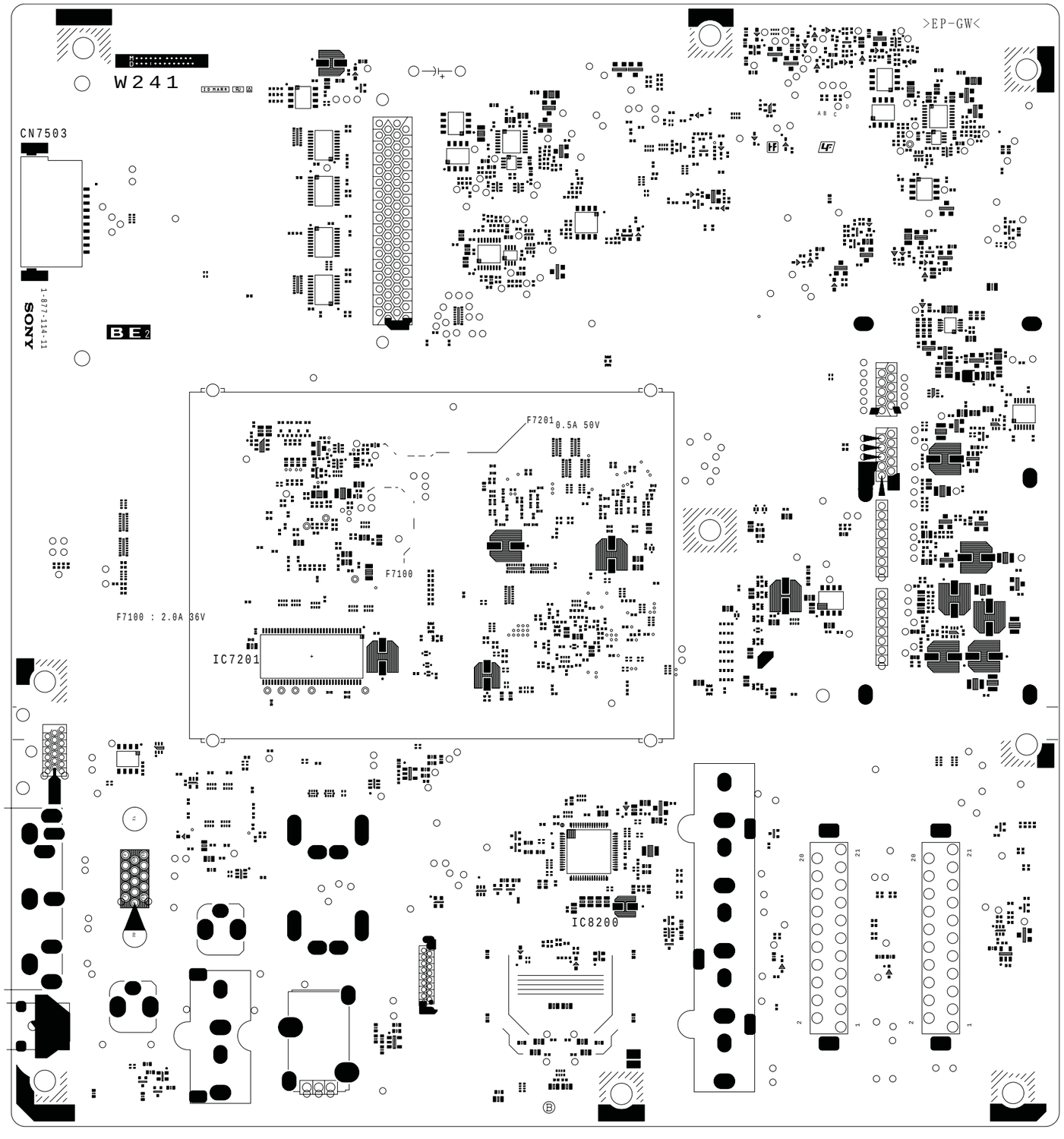
~ BE2 Printed Wiring Board Side A ~



~ BE2 Board IC Voltage Table Side A ~

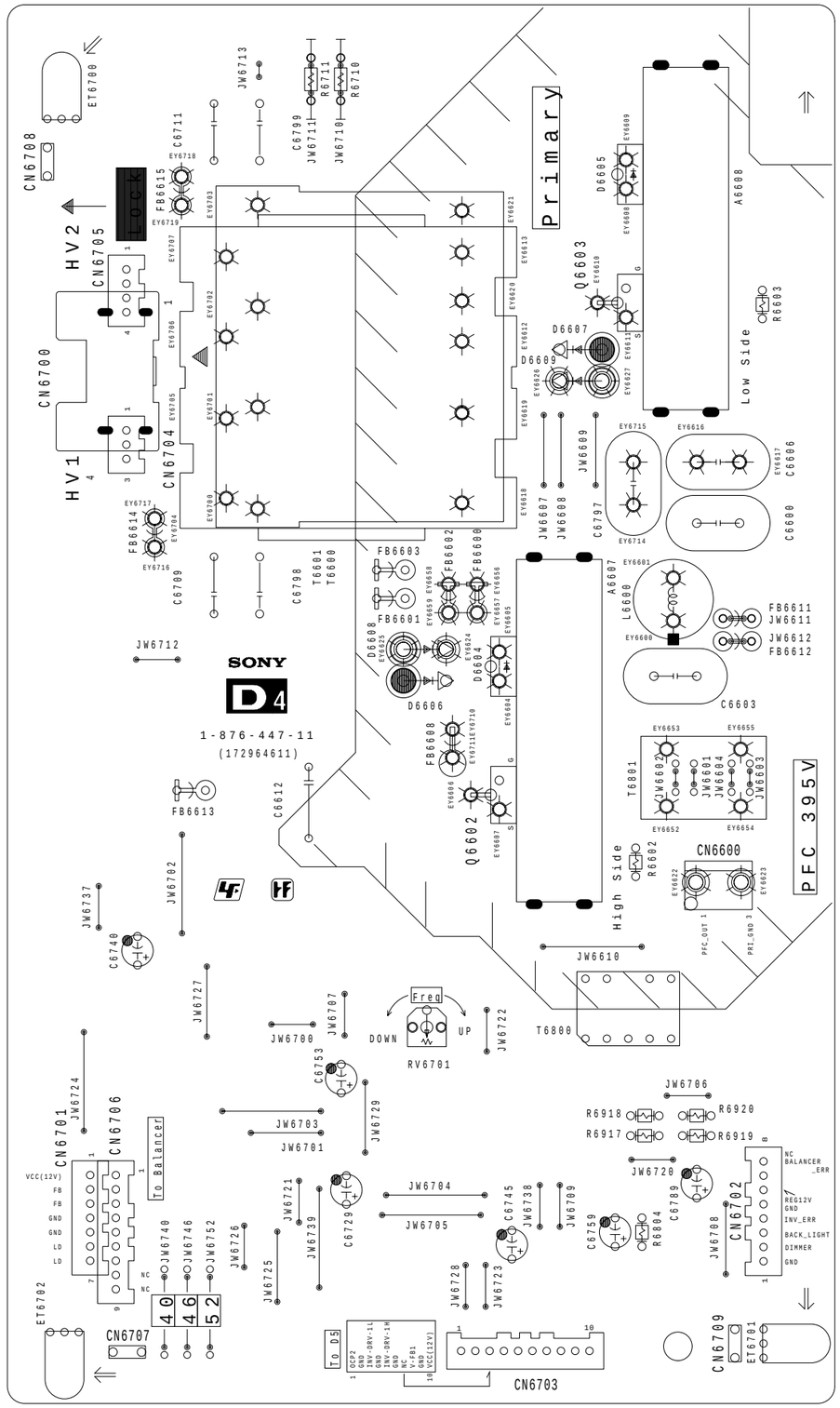
Ref No	Pin No	Volts (V)	Ref No	Pin No	Volts (V)
IC1000	1	2.5	IC4505	4	0
	2	2.5		5	4.8
	3	2.5		6	4.8
	4	2.5		7	0
	5	2.5		8	4.8
	6	0	IC5501	1	2.9
	7	0		2	2.9
	8	0		4	0
	9	3.3		5	3.3
	10	3.3		6	0
	11	3.3		7	3.3
	12	0		8	3.3
	13	0	IC5502	2	0.4
	14	0		3	3.3
	15	2.5		4	0
	16	5.1		5	3.3
IC3000	1	0		6	3.3
	2	0		7	0
	3	0		8	3.0
	4	0	IC5503	1	0
	5	4.7		2	0
	6	4.7		3	0
	7	1.1		4	0
	8	4.6		5	2.9
IC3004	1	1.6		6	2.9
	2	0		7	3.3
	3	0		8	3.3
	4	0	IC6570	1	1.2
	5	0		2	0
	6	1.6		3	0
	7	1.6		4	0.3
	8	3.3		5	1.8
IC4500	1	0		6	0
	2	0		7	0
	3	0		8	1.8
	4	0	IC6572	1	1.1
	5	4.4		2	0
	6	4.4		3	0
	7	0		4	0
	8	4.4		5	2.5
IC4505	1	0		6	0
	2	0		7	0
	3	0		8	2.5

~ BE2 Printed Wiring Board Side B ~



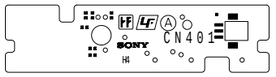
Text Search

~ D4 Printed Wiring Board ~

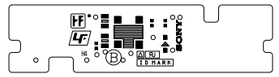


Text Search

~ H4 Printed Wiring Board Side A ~

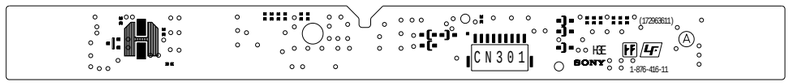


~ H4 Printed Wiring Board Side B ~

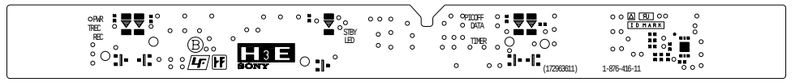


Text Search

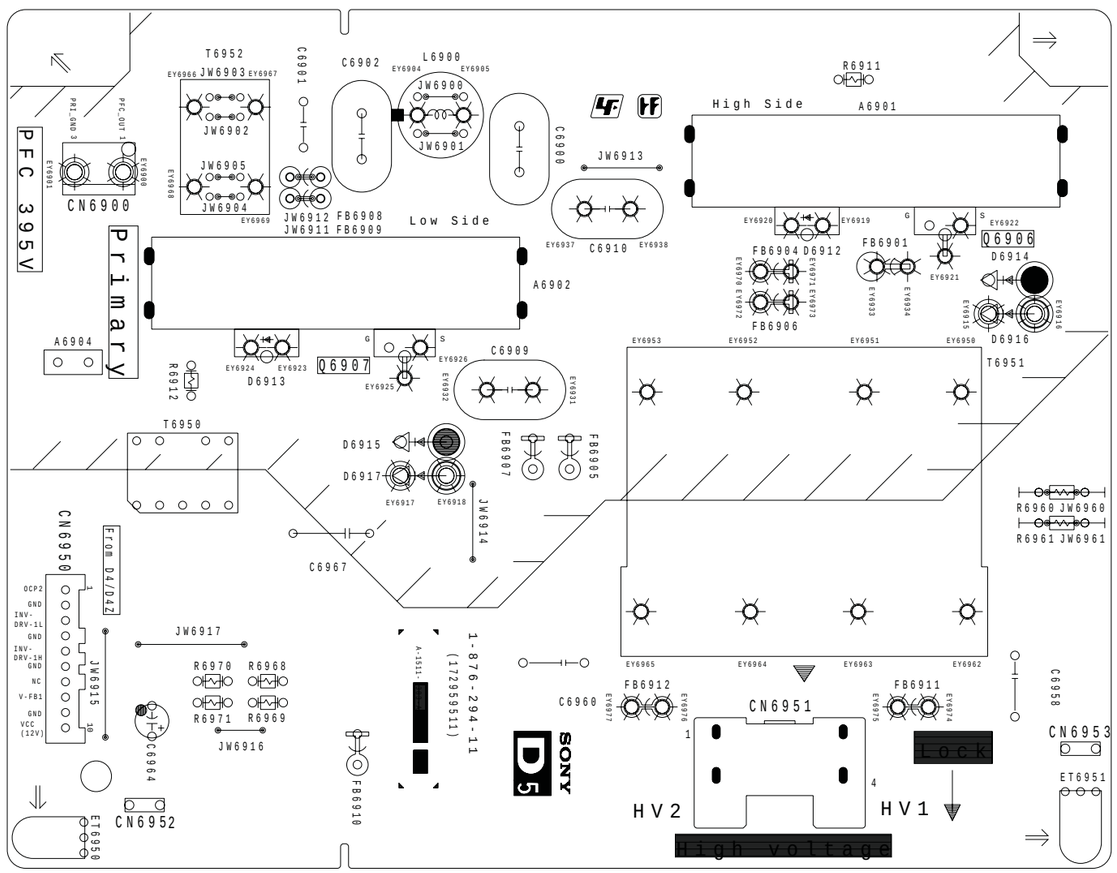
~ H3E Printed Wiring Board Side A ~



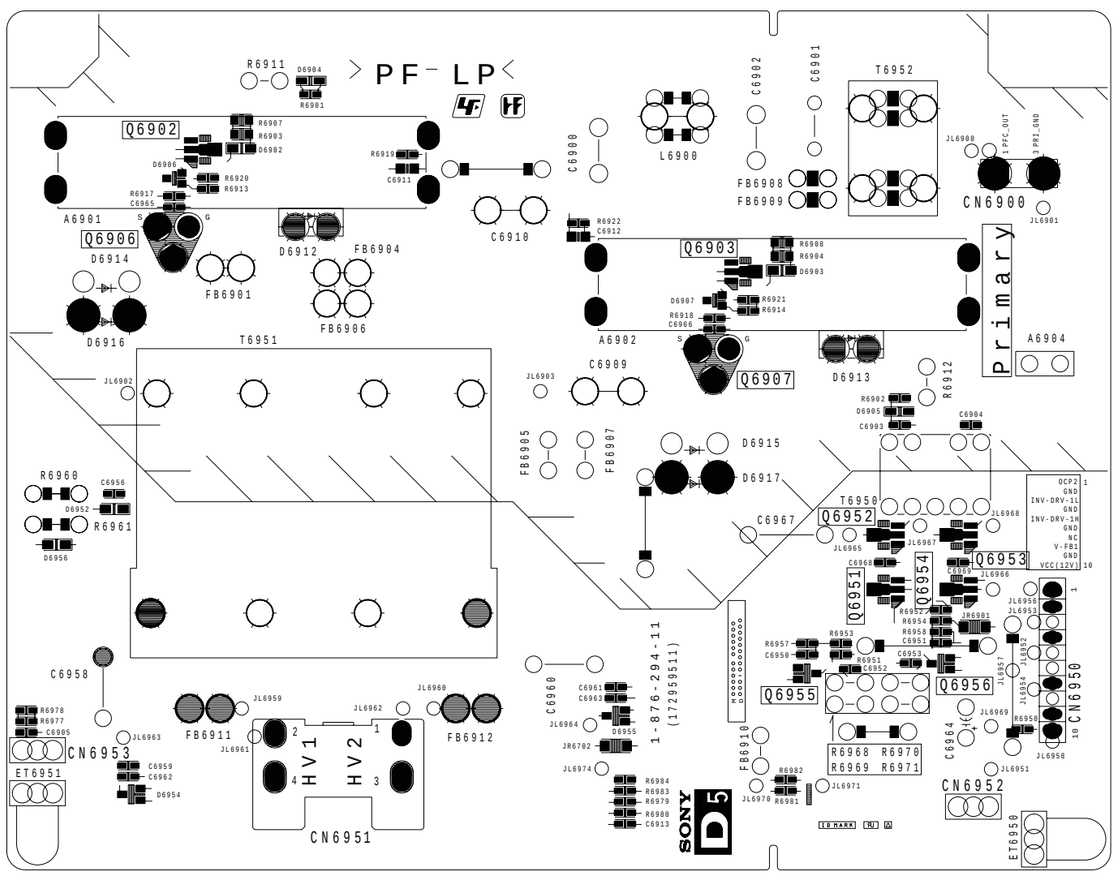
~ H3E Printed Wiring Board Side B ~



~ D5 Printed Wiring Board Side A ~

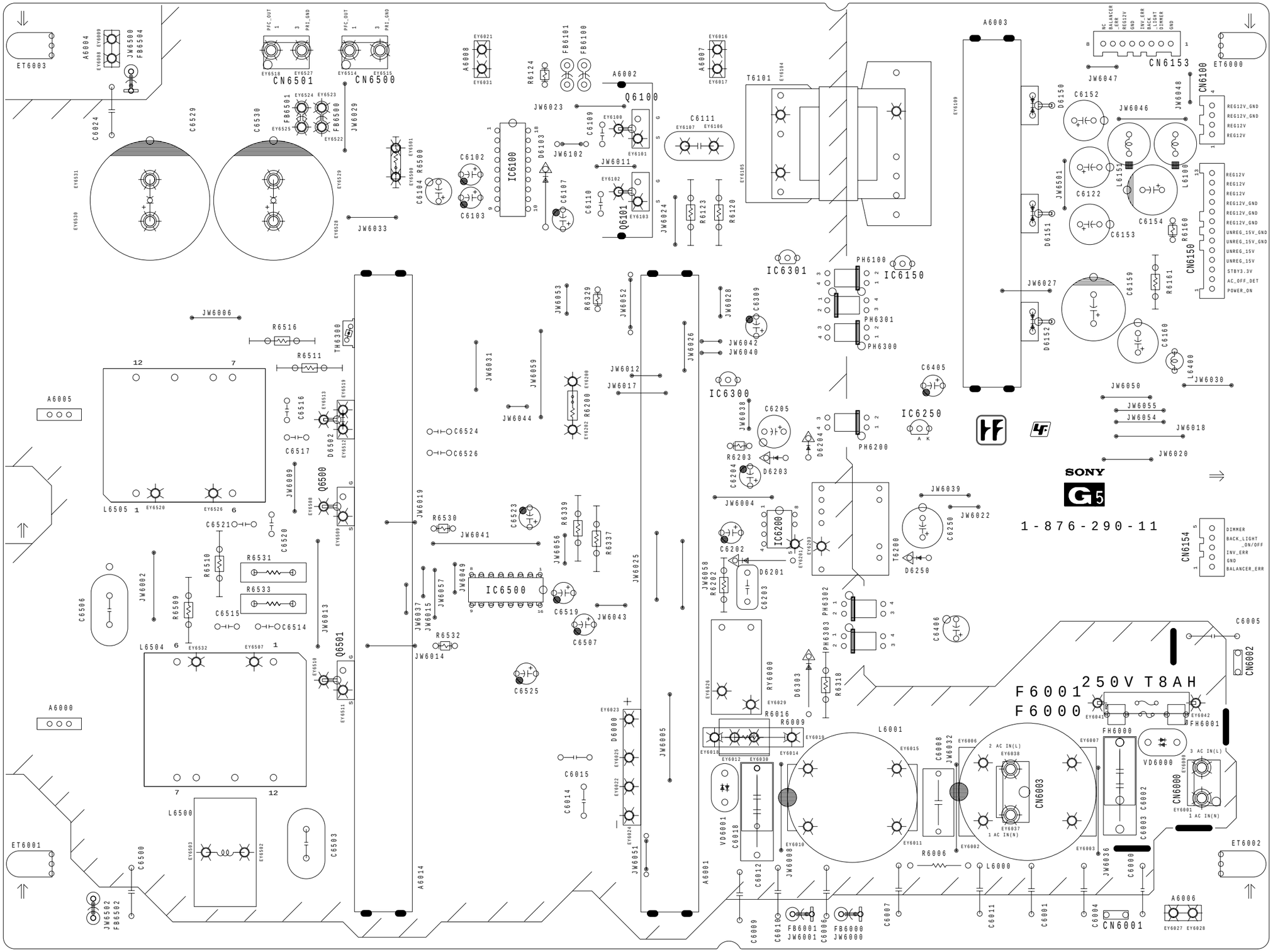


~ D5 Printed Wiring Board Side B ~



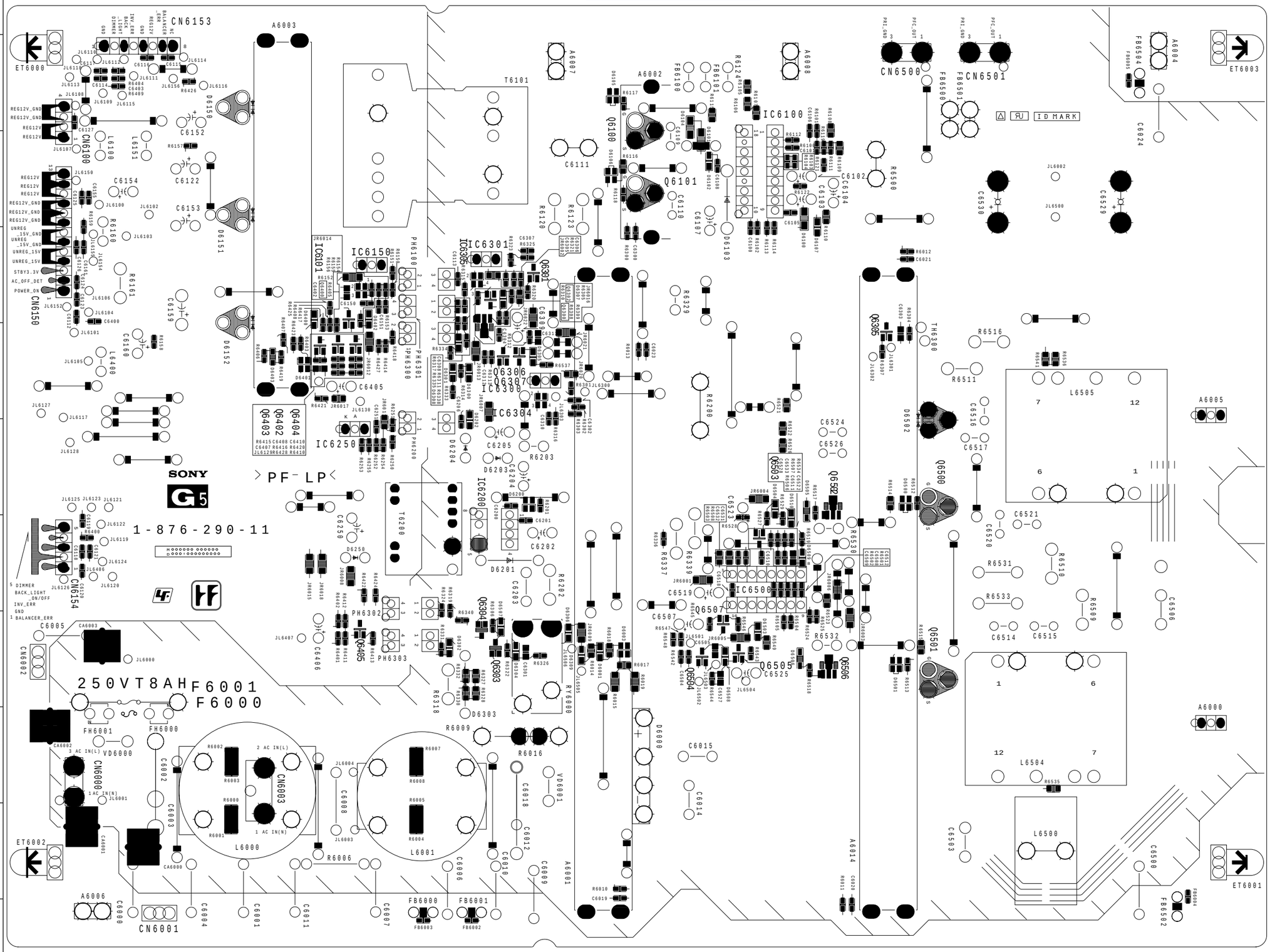
Text Search

~ G5 Printed Wiring Board Side A ~



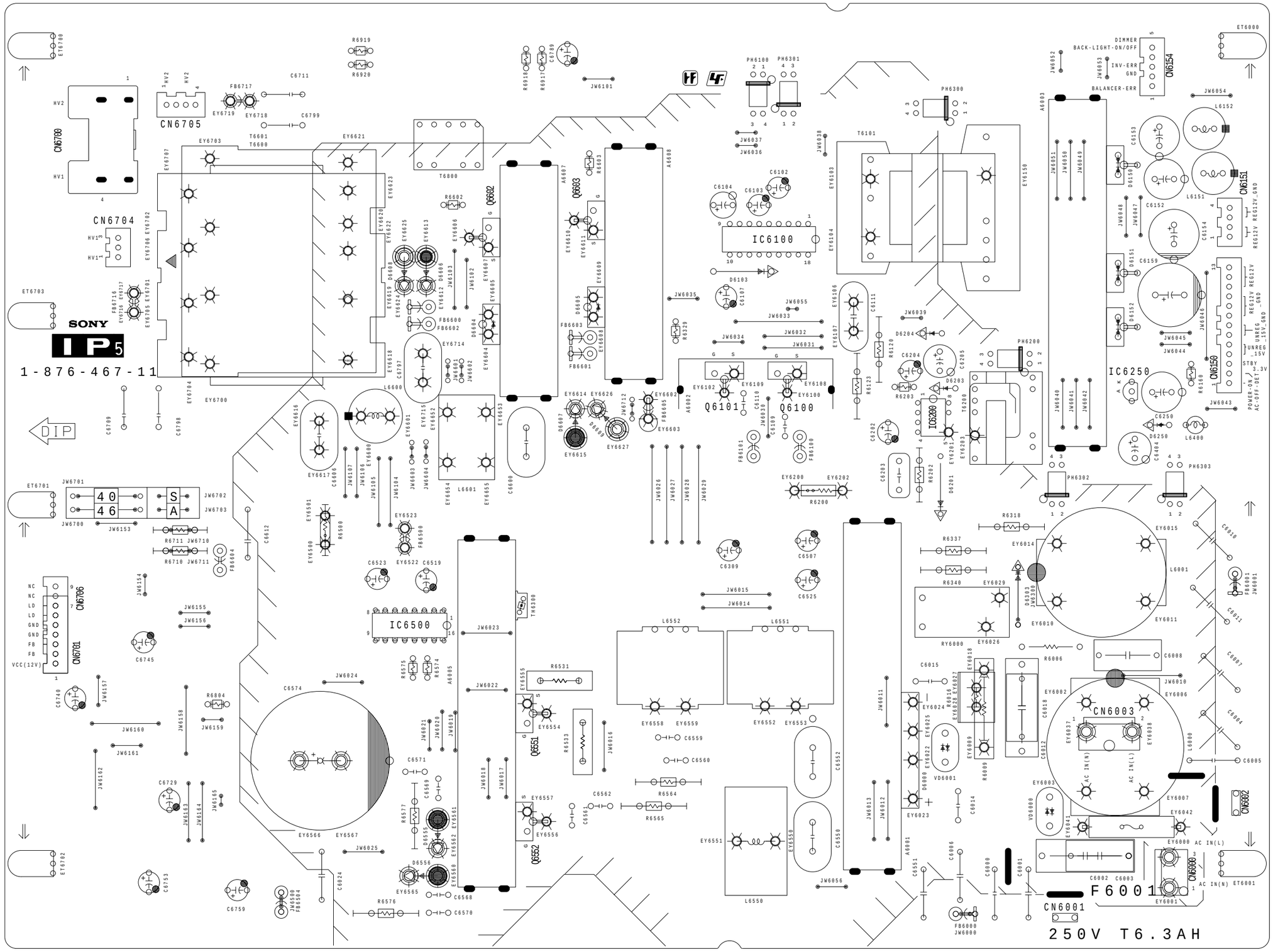
Text Search

~ G5 Printed Wiring Board Side B ~



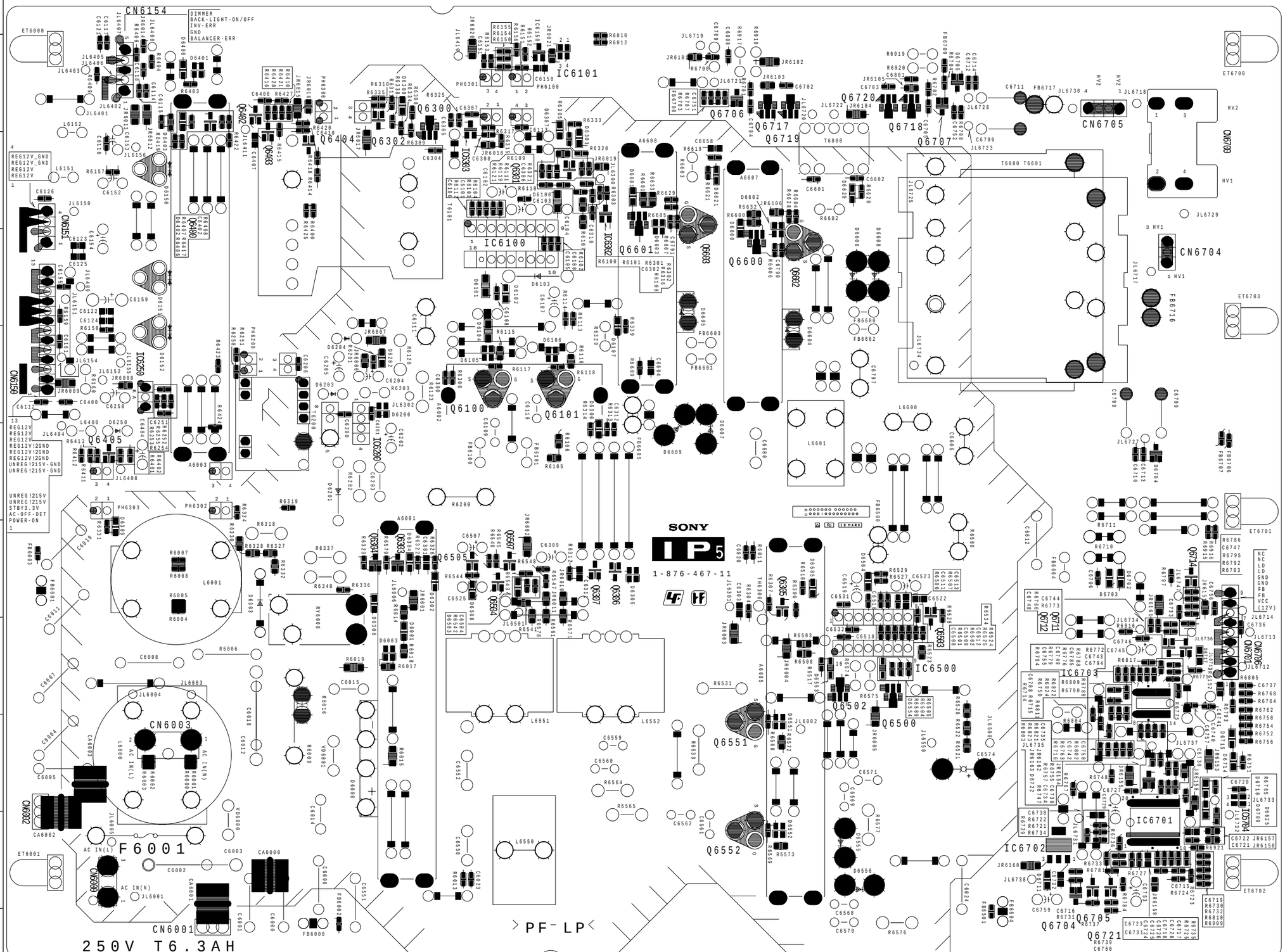
Text Search

~ IP5 Printed Wiring Board Side A ~



Text Search

~ IP5 Printed Wiring Board Side B ~



SECTION 5
EXPLODED VIEWS

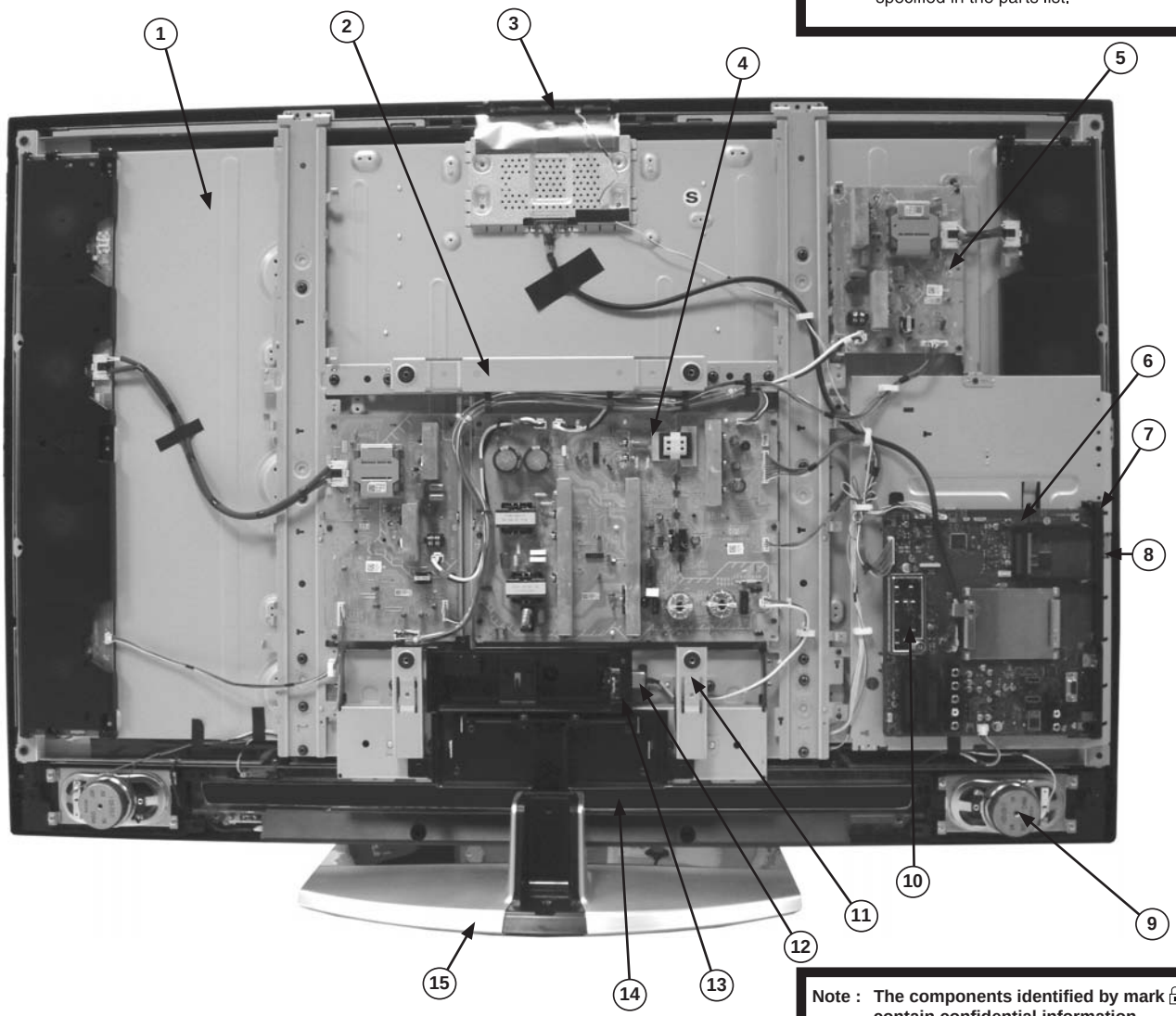
NOTE :

- Non-serviceable items with no part number and no description are not stocked because they are not required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

5-1. CHASSIS



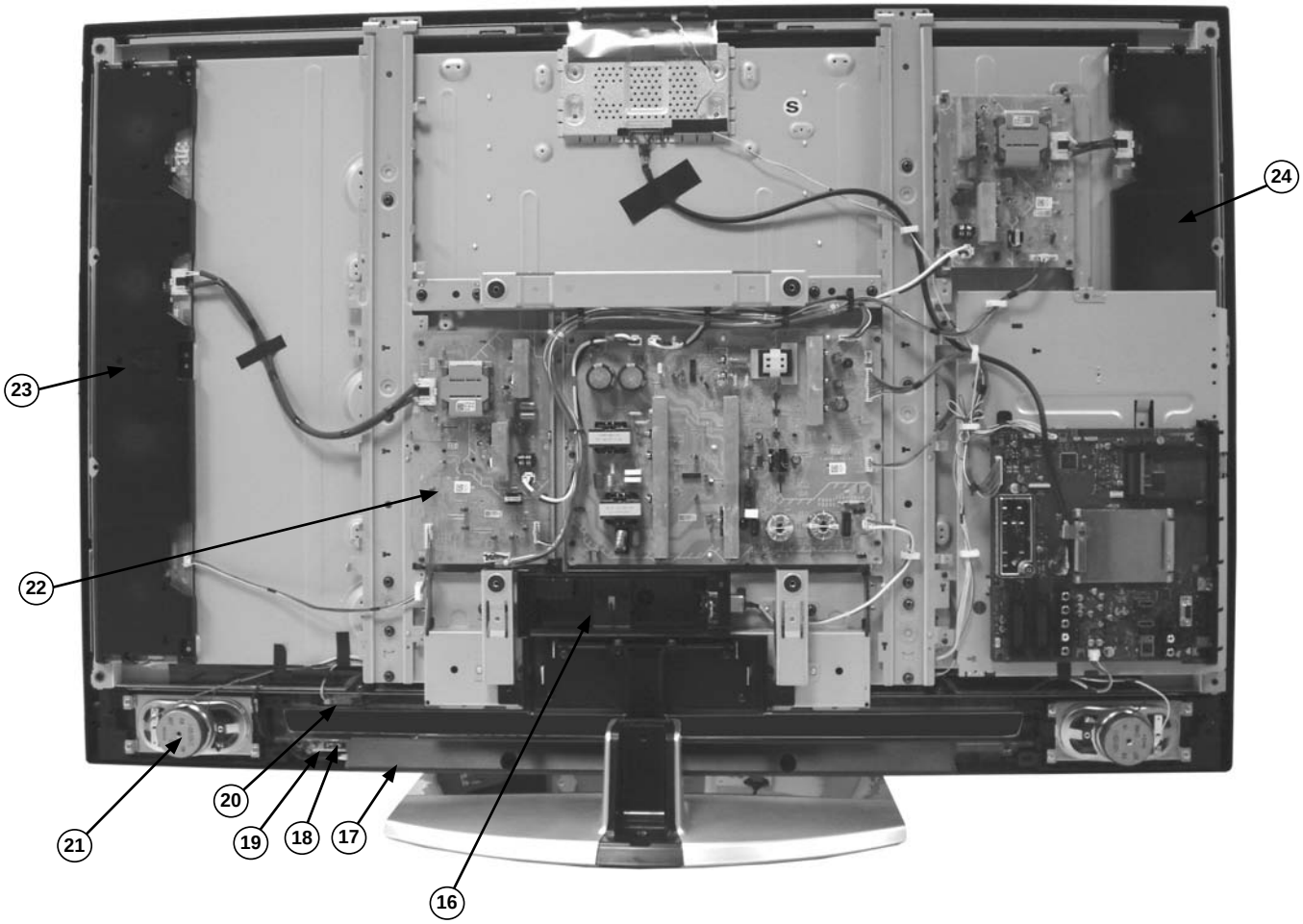
Note : The components identified by mark 🔒 contain confidential information. Strictly follow the instructions when ever the components are repaired and/or replaced.

REF.NO.		PART.NO	DESCRIPTION	REMARK
1	⚠	1-802-652-12	LCD PANEL (40 INCH FHD TFT)	40 inches
	⚠	1-802-650-14	LCD PANEL (46 INCH FHD TFT)	46 inches
	⚠	1-802-651-12	LCD PANEL (52 INCH FHD TFT)	52 inches
2		3-284-384-01	FRAME, VESA (TOP)	40 inches
		3-298-053-01	FRAME, VESA (TOP)	46/52 inches
3		1-480-707-11	SWITCH UNIT	
4		*A-1548-233-A	IP5 BOARD, COMPLETE	40 inches
		*A-1548-234-A	IP5 BOARD, COMPLETE	46 inches
		*A-1545-447-A	G5 BOARD, COMPLETE	52 inches
5		*A-1511-383-A	D5 BOARD, COMPLETE	52 inches
6	🔒	*A-1561-860-A	BE2 BOARD, COMPLETE	
7		X-2318-170-1	SIDE JACK BRACKET ASSY	
8		*4-101-356-02	CARD, DUMMY	
9		1-826-938-11	LOUDSPEAKER ASSY(5.8X12.6CM)	40 inches
		1-826-939-12	LOUDSPEAKER (6.5X15CM)	46/52 inches
10		8-597-641-00	TUNER UNIT, DIGITAL BTD-HF411T	
11		3-298-056-01	FRAME, VESA (BOTTOM)	
12	⚠	1-821-909-11	INLET, AC (2PIN)	
13	⚠	3-298-060-01	BRACKET, AC INLET	
14	Ver 3.0	X-2318-941-1	BOTTOM PANEL(40), ASSY	
	Ver 3.0	X-2318-940-1	BOTTOM PANEL(46), ASSY	
	Ver 3.0	X-2318-939-1	BOTTOM PANEL(52), ASSY	
15		X-2190-261-1	STAND, (ML) ASSY	40 inches
		X-2189-411-2	STAND (L) ASSY	46 inches
		X-2190-786-4	STAND ASSY (LL)	52 inches

5-1. CHASSIS Cont.

Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.



REF.NO.	PART.NO	DESCRIPTION	REMARK
16	3-298-014-01	COVER, UNDER (L2) 40/46 inches	
	3-298-229-02	COVER, UNDER (LL) 52 inches	
17	3-298-013-01	BAR, UNDER (ML) 40 inches	
	3-298-029-01	BAR, UNDER (L) 46/52 inches	
18	3-874-982-01	GUIDE, LED 40 inches	
	3-874-982-11	GUIDE, LED 46 inches	
	3-874-982-21	GUIDE, LED 52 inches	
19	*A-1543-850-A	H3E BOARD, COMPLETE	
20	*A-1510-351-A	H4 BOARD, COMPLETE	
21	1-826-938-21	LOUDSPEAKER ASSY (5.8X12.6CM) 40 inches	
	1-826-939-22	LOUDSPEAKER (6.5X15CM) 46/52 inches	
22	*A-1511-382-A	D4 BOARD, COMPLETE 52 inches	

REF.NO.		PART.NO	DESCRIPTION	REMARK
23	Ver 2.0	1-857-046-11	ETC-INVERTER MT BOARD	40 inches
	Ver 2.0	1-857-047-11	ETC-INVERTER MT BOARD	46 inches
	Ver 2.0	1-857-048-11	ETC-INVERTER MT BOARD (LU)	52 inches
	Ver 2.0	1-857-049-11	ETC-INVERTER MT BOARD (LL)	52 inches
24	Ver 2.0	1-857-050-11	ETC-INVERTER MT BOARD (RU)	52 inches
	Ver 2.0	1-857-051-11	ETC-INVERTER MT BOARD (RL)	52 inches

5-2. BEZEL

Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

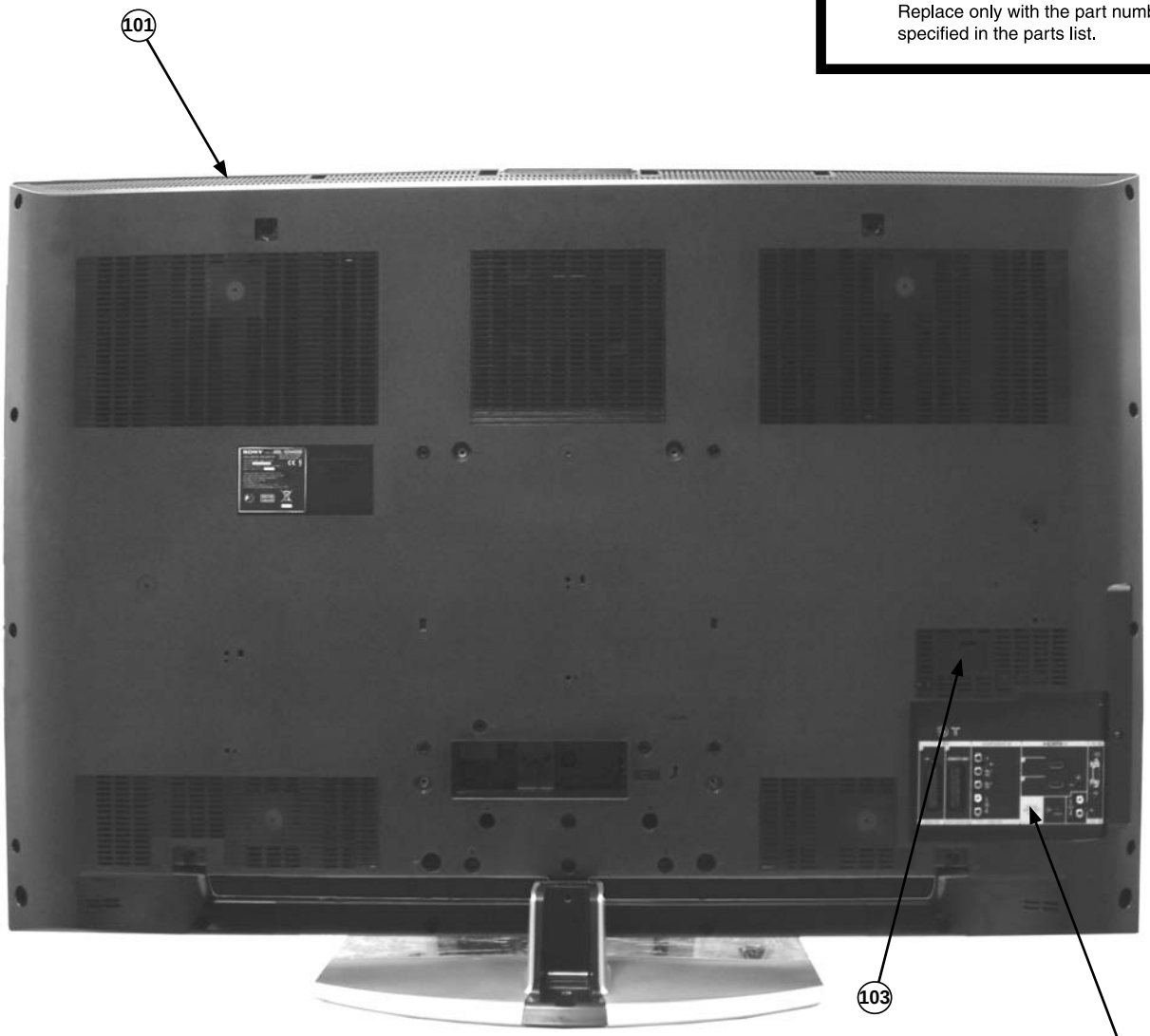
Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

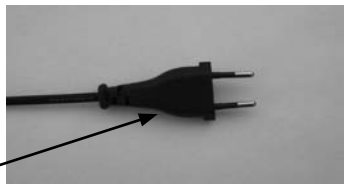
REF.NO.	PART.NO	DESCRIPTION	REMARK
51	X-2190-821-1	BEZEL (40NW) ASSY	40 inches
	X-2190-819-1	BEZEL (46NW) ASSY	46 inches
	X-2190-824-1	BEZEL (52NW) ASSY	52 inches

5-3. REAR COVER & POWER SUPPLY CORDS

Note : Les composants indentifies par une trame et par une marque ⚠ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.





REF.NO.		PART.NO	DESCRIPTION	REMARK
101		3-293-590-01	REAR COVER (40)	40 inches
		3-293-584-01	REAR COVER (46)	46 inches
		3-293-622-01	REAR COVER (52)	52 inches
102		*3-298-011-01	LABEL, REAR TERMINAL	
103		3-106-546-01	COVER,ECS	
104	⚠	1-835-200-11	POWER-SUPPLY CORD	(AEP)
105	⚠	1-835-165-11	POWER-SUPPLY CORD	(UK)

NOTE :

If ordering item 101 (Rear cover) please order item 102 (Label,rear terminal) as well.

SECTION 6
ELECTRICAL PARTS LIST

PARTS LISTING TABLE OF CONTENTS

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BE2 BOARD COMPLETE Parts List :	50
H3E BOARD COMPLETE Parts List :	64
H4 BOARD COMPLETE Parts List :	65
ACCESSORIES AND CONNECTORS :	65
REMOTE COMMANDER :	66

Note: To ensure safety and reliability it is Sony policy that power supply boards should not be repaired at component level in the field as a result... The D4, D5, G5 and IP5 boards are regarded as non service items for exchange only and are not indicated in the parts list of this service manual

Note : Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note : The components identified by mark 🔒 contain confidential information. Strictly follow the instructions when ever the components are repaired and/or replaced.

* A-1561-860-A BE2 Board, Complete

< CAPACITOR >

REF.NO.	PART.NO	DESCRIPTION	REMARK
C1001	1-112-780-11	CERAMIC CHIP 0.47UF	10% 16V
C1002	1-112-780-11	CERAMIC CHIP 0.47UF	10% 16V
C1003	1-112-780-11	CERAMIC CHIP 0.47UF	10% 16V
C1004	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C1006	1-114-399-21	ELECT CHIP 47UF	20% 6.3V
C1009	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C1010	1-114-324-11	CERAMIC CHIP 0.022UF	10% 50V
C1011	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C1012	1-114-324-11	CERAMIC CHIP 0.022UF	10% 50V
C1017	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C1018	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C1019	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C1020	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C1021	1-100-766-21	ELECT CHIP 47UF	20% 16V
C1022	1-100-766-21	ELECT CHIP 47UF	20% 16V
C1025	1-114-324-11	CERAMIC CHIP 0.022UF	10% 50V
C1026	1-114-324-11	CERAMIC CHIP 0.022UF	10% 50V
C1027	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C1028	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C1029	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C1030	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C1031	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C1036	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C1037	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C1038	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C1039	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C1040	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C2200	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2201	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C2202	1-112-001-81	CERAMIC CHIP 270PF	5% 50V
C2205	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C2206	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2208	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C2210	1-114-332-11	CERAMIC CHIP 22UF	10% 6.3V
C2211	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2212	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2215	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2216	1-114-332-11	CERAMIC CHIP 22UF	10% 6.3V
C2217	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C2218	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2219	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C2220	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2223	1-135-366-11	ELECT CHIP 100UF	20% 16V
C2225	1-135-366-11	ELECT CHIP 100UF	20% 16V
C2226	1-164-852-11	CERAMIC CHIP 12PF	5.00% 50V
C2227	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C2228	1-135-366-11	ELECT CHIP 100UF	20% 16V
C2229	1-164-852-11	CERAMIC CHIP 12PF	5.00% 50V
C2230	1-135-366-11	ELECT CHIP 100UF	20% 16V
C2231	1-162-968-11	CERAMIC CHIP 0.0047UF	10.00% 50V
C2236	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C2237	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2238	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2239	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2240	1-100-904-11	CERAMIC CHIP 330PF	10% 50V
C2244	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C2245	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C2246	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C2247	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C2249	1-112-161-21	ELECT CHIP 1000UF	20% 6.3V
C2250	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C2251	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C2254	1-114-407-21	ELECT CHIP 4.7UF	20% 50V
C2255	1-112-780-11	CERAMIC CHIP 0.47UF	10% 16V
C2256	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C2257	1-165-882-91	CERAMIC CHIP 2.2UF	50V
C2258	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C2259	1-165-621-91	CERAMIC CHIP 0.1UF	50V
C2260	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C2261	1-114-325-11	CERAMIC CHIP 0.1UF	10% 25V
C2268	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2270	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2272	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C2275	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C3000	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C3001	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C3014	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C3026	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C3027	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C3028	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C3029	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C3030	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C3031	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C3032	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C3033	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C3072	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C3073	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C3075	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C3076	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V
C3077	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C3078	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C3079	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C3406	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C3407	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C3417	1-112-781-11	CERAMIC CHIP 1UF	10% 10V

REF.NO.	PART.NO	DESCRIPTION	REMARK		REF.NO.	PART.NO	DESCRIPTION	REMARK	
C3418	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C4042	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3419	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C4043	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3420	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C4046	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3426	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4047	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3427	1-114-407-21	ELECT CHIP 4.7UF	20%	50V	C4049	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3428	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C4051	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3429	1-114-331-11	CERAMIC CHIP 4.7UF	10%	10V	C4053	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3430	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V	C4055	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3431	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V	C4057	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3442	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V	C4059	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3443	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V	C4061	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3446	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C4063	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3447	1-114-193-11	ELECT CHIP 470UF	20%	25V	C4065	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3448	1-112-800-11	ELECT CHIP 100UF	20%	35V	C4067	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3449	1-114-325-11	CERAMIC CHIP 0.1UF	10%	25V	C4070	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3450	1-100-912-11	CERAMIC CHIP 1UF	10%	25V	C4071	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3451	1-100-912-11	CERAMIC CHIP 1UF	10%	25V	C4072	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3452	1-112-800-11	ELECT CHIP 100UF	20%	35V	C4073	1-112-774-11	CERAMIC CHIP 470PF	10%	50V
C3453	1-114-325-11	CERAMIC CHIP 0.1UF	10%	25V	C4074	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3458	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V	C4075	1-112-774-11	CERAMIC CHIP 470PF	10%	50V
C3459	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V	C4076	1-112-774-11	CERAMIC CHIP 470PF	10%	50V
C3464	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V	C4077	1-112-774-11	CERAMIC CHIP 470PF	10%	50V
C3465	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V	C4078	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3466	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V	C4079	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3467	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V	C4502	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3469	1-100-912-11	CERAMIC CHIP 1UF	10%	25V	C4510	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3470	1-100-912-11	CERAMIC CHIP 1UF	10%	25V	C4511	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3480	1-112-781-11	CERAMIC CHIP 1UF	10%	10V	C4516	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3482	1-100-767-21	ELECT CHIP 220UF	20%	16V	C4517	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C3484	1-112-065-11	CERAMIC CHIP 4.7UF	10%	16V	C4518	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4003	1-135-366-11	ELECT CHIP 100UF	20%	16V	C4519	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4006	1-135-366-11	ELECT CHIP 100UF	20%	16V	C4520	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4007	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4521	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4009	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4522	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4012	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V	C4523	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4013	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4524	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4014	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4525	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4016	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V	C4527	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4017	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4528	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4019	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4529	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4021	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4532	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4023	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4533	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4025	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4534	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4027	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4535	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4030	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4710	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C4031	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4711	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V
C4033	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4712	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V
C4035	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4718	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4038	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4723	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4039	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C4724	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V

REF.NO.	PART.NO	DESCRIPTION	REMARK		REF.NO.	PART.NO	DESCRIPTION	REMARK	
C4726	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5031	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4727	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5032	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4728	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5033	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4729	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5034	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4730	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5035	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4731	1-114-399-21	ELECT CHIP 47UF	20%	6.3V	C5036	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4732	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5038	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4733	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5039	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4734	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5040	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4735	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5041	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4736	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5043	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4737	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5044	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4738	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5045	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4739	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5046	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4740	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5047	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4741	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5049	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4742	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5050	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4743	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5051	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4744	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5052	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4745	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5058	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4747	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5060	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4748	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5062	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4750	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5064	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V
C4751	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V	C5065	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4753	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5067	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V
C4754	1-112-774-11	CERAMIC CHIP 470PF	10%	50V	C5068	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4755	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5069	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4756	1-112-774-11	CERAMIC CHIP 470PF	10%	50V	C5070	1-114-172-91	CERAMIC CHIP 2.2UF	20%	4V
C4757	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5073	1-114-172-91	CERAMIC CHIP 2.2UF	20%	4V
C5006	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5074	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V
C5007	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5075	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C5008	1-114-327-11	CERAMIC CHIP 1UF	10%	16V	C5076	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5009	1-114-327-11	CERAMIC CHIP 1UF	10%	16V	C5078	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C5011	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C5079	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V
C5013	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C5082	1-114-172-91	CERAMIC CHIP 2.2UF	20%	4V
C5014	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5084	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C5015	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C5086	1-114-172-91	CERAMIC CHIP 2.2UF	20%	4V
C5016	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5087	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5017	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C5088	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5018	1-112-774-11	CERAMIC CHIP 470PF	10%	50V	C5089	1-114-172-91	CERAMIC CHIP 2.2UF	20%	4V
C5019	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C5091	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5020	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C5092	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5021	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5093	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5023	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V	C5094	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5024	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5095	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5026	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5096	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5027	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V	C5097	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5028	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V	C5098	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5029	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V	C5099	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C5030	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V	C5100	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C5101	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5102	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5103	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C5104	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5500	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C5501	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5502	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C5504	1-112-778-11	CERAMIC CHIP 0.022UF	10% 25V
C5505	1-164-842-11	CERAMIC CHIP 2PF	0.25PF 50V
C5506	1-164-843-11	CERAMIC CHIP 3PF	0.25PF 50V
C5507	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5508	1-114-399-21	ELECT CHIP 47UF	20% 6.3V
C5509	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5510	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C5511	1-104-905-11	DOUBLE LAYER 0.22F	5.5V
C5512	1-164-862-11	CERAMIC CHIP 33PF	5.00% 50V
C5513	1-164-862-11	CERAMIC CHIP 33PF	5.00% 50V
C5514	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5515	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5516	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5517	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5519	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5520	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C5523	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5524	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C5525	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C5526	1-162-927-11	CERAMIC CHIP 100PF	5.00% 50V
C5527	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C5528	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C5532	1-100-765-21	ELECT CHIP 10UF	20% 16V
C5543	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6400	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6401	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C6402	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C6403	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C6406	1-114-353-11	CAP, CERAMIC 0.01MF X7R (1410)	
C6408	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6409	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C6410	1-135-366-11	ELECT CHIP 100UF	20% 16V
C6411	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C6413	1-164-882-11	CERAMIC CHIP 220PF	5.00% 16V
C6414	1-135-366-11	ELECT CHIP 100UF	20% 16V
C6415	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6416	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6417	1-112-775-11	CERAMIC CHIP 0.0022UF	10% 50V
C6418	1-164-866-11	CERAMIC CHIP 47PF	5.00% 50V
C6419	1-100-766-21	ELECT CHIP 47UF	20% 16V
C6420	1-164-245-11	CERAMIC CHIP 0.015UF	10.00% 25V
C6421	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6422	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C6423	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C6424	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C6426	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C6427	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6428	1-164-245-11	CERAMIC CHIP 0.015UF	10.00% 25V
C6429	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C6430	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C6431	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6432	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C6434	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C6435	1-135-366-11	ELECT CHIP 100UF	20% 16V
C6436	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C6437	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6438	1-164-245-11	CERAMIC CHIP 0.015UF	10.00% 25V
C6440	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C6441	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C6443	1-164-245-11	CERAMIC CHIP 0.015UF	10.00% 25V
C6444	1-164-245-11	CERAMIC CHIP 0.015UF	10.00% 25V
C6445	1-112-066-11	CERAMIC CHIP 10UF	10% 10V
C6447	1-164-938-11	CERAMIC CHIP 0.0015UF	10.00% 50V
C6449	1-164-245-11	CERAMIC CHIP 0.015UF	10.00% 25V
C6450	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C6451	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C6454	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C6456	1-164-878-11	CERAMIC CHIP 150PF	5% 50V
C6457	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6470	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C6472	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C6474	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C6479	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6483	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C6486	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6487	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C6498	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C6499	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C6532	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6536	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C6543	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6545	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6584	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C6587	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C6602	1-135-366-11	ELECT CHIP 100UF	20% 16V
C6603	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C6605	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6608	1-112-775-11	CERAMIC CHIP 0.0022UF	10% 50V
C6609	1-164-245-11	CERAMIC CHIP 0.015UF	10.00% 25V
C6610	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C6612	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C6614	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C6616	1-100-912-11	CERAMIC CHIP 1UF	10% 25V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C6617	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C6618	1-112-775-11	CERAMIC CHIP 0.0022UF	10% 50V
C6619	1-164-245-11	CERAMIC CHIP 0.015UF	10.00% 25V
C6622	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C6623	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C6625	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C6626	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6629	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C6630	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6631	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6632	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C6635	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6636	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C6639	1-164-245-11	CERAMIC CHIP 0.015UF	10.00% 25V
C7100	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7101	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7103	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7104	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7105	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7106	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7107	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7108	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7109	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7110	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7111	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7112	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7113	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7114	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7115	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7116	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C7117	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C7118	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7119	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7120	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7121	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7122	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7123	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7124	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7125	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7126	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7127	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7131	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C7134	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C7135	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7136	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7137	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C7138	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7139	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7140	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7141	1-100-909-11	CERAMIC CHIP 10UF	10% 6.3V
C7142	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7143	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7144	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7200	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7201	1-112-781-11	CERAMIC CHIP 1UF	10% 10V
C7202	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7203	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7204	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7205	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C7206	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7207	1-164-840-11	CERAMIC CHIP 1PF	0.25PF 50V
C7208	1-164-840-11	CERAMIC CHIP 1PF	0.25PF 50V
C7209	1-100-911-11	CERAMIC CHIP 4.7UF	10% 25V
C7210	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C7211	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7212	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7213	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7214	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7215	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7216	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7217	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7218	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7219	1-117-720-11	CERAMIC CHIP 4.7UF	10V
C7220	1-128-590-11	ELECT CHIP 100UF	20% 6.3V
C7221	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7222	1-164-860-11	CERAMIC CHIP 27PF	5.00% 50V
C7223	1-164-870-11	CERAMIC CHIP 68PF	5.00% 50V
C7224	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7225	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7226	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7227	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7228	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C7229	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7230	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C7231	1-112-780-11	CERAMIC CHIP 0.47UF	10% 16V
C7232	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7300	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7301	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7302	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7303	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C7304	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7305	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C7306	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7307	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7308	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7309	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7310	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7311	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7312	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C7313	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V

REF.NO.	PART.NO	DESCRIPTION	REMARK
C7314	1-114-331-11	CERAMIC CHIP 4.7UF	10% 10V
C7315	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C8030	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C8031	1-164-850-11	CERAMIC CHIP 10PF	0.50PF 50V
C8032	1-114-320-11	CERAMIC CHIP 0.22UF	10% 6.3V
C8035	1-135-366-11	ELECT CHIP 100UF	20% 16V
C8037	1-112-777-11	CERAMIC CHIP 0.01UF	10% 25V
C8201	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C8203	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C8204	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C8205	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C8206	1-100-766-21	ELECT CHIP 47UF	20% 16V
C8207	1-100-766-21	ELECT CHIP 47UF	20% 16V
C8208	1-100-766-21	ELECT CHIP 47UF	20% 16V
C8209	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C8216	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C8220	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C8222	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C8224	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C8226	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C8227	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C8228	1-100-912-11	CERAMIC CHIP 1UF	10% 25V
C8229	1-100-766-21	ELECT CHIP 47UF	20% 16V
C8230	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C8231	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C8232	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C8235	1-112-064-11	CERAMIC CHIP 2.2UF	10% 10V
C8237	1-100-766-21	ELECT CHIP 47UF	20% 16V
C8238	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C8239	1-114-327-11	CERAMIC CHIP 1UF	10% 16V
C8240	1-100-766-21	ELECT CHIP 47UF	20% 16V
C8241	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C8242	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C8243	1-100-766-21	ELECT CHIP 47UF	20% 16V
C8244	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C8245	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C8246	1-100-766-21	ELECT CHIP 47UF	20% 16V
C8247	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C8248	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C8249	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C8250	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C8251	1-100-766-21	ELECT CHIP 47UF	20% 16V
C8252	1-100-766-21	ELECT CHIP 47UF	20% 16V
C8253	1-100-905-11	CERAMIC CHIP 0.001UF	10% 50V
C8254	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C8255	1-114-324-11	CERAMIC CHIP 0.022UF	10% 50V
C8256	1-164-874-11	CERAMIC CHIP 100PF	5.00% 50V
C8257	1-114-324-11	CERAMIC CHIP 0.022UF	10% 50V
C8258	1-100-916-11	CERAMIC CHIP 0.1UF	10% 16V
C8261	1-114-326-11	CERAMIC CHIP 0.22UF	10% 25V
C8262	1-100-831-91	CERAMIC CHIP 0.001UF	2% 50V

< CONNECTOR >

CN1000	1-821-054-11	21PIN SOCKET	
CN1001	1-821-054-11	21PIN SOCKET	
CN3001	1-821-013-11	D SUB CONNECTOR	
CN3004	1-821-844-11	OPTICAL OUT CONNECTOR	
CN3400	1-819-460-11	HEADER ASSEMBLY FOR PWB 4P	
CN4500	1-821-819-12	HDMI CONNECTOR	
CN4502	1-821-645-11	CONNECTOR, HDMI	
CN4503	1-821-819-12	HDMI CONNECTOR	
CN5500	1-818-714-21	HEADER ASSEMBLY 20P	
CN5503	1-779-936-51	CONNECTOR, FFC/FPC 18P	
CN6401	1-819-797-11	HEADER ASSEMBLY FOR PWB 13P	
CN6402	1-819-474-11	HEADER ASSEMBLY FOR PWB 6P	
CN7300	*1-793-769-22	CONNECTOR, CARD (PCMCIA CARD)	
CN7503	1-822-033-11	MEMORY STICK CONNECTOR	
CN8000	1-819-784-21	PIN, CONNECTOR 50P	

< DIODE >

D1000	8-719-058-24	DIODE RB501V-40TE-17	
D1001	6-502-177-01	DI UMZ9.1KTL	
D1002	6-502-177-01	DI UMZ9.1KTL	
D1003	6-502-177-01	DI UMZ9.1KTL	
D1004	6-501-623-01	DIODE PZU13B2	
D1005	6-502-180-01	DI UMZ12KTL	
D1006	6-502-177-01	DI UMZ9.1KTL	
D1007	6-502-177-01	DI UMZ9.1KTL	
D1008	6-502-177-01	DI UMZ9.1KTL	
D1009	6-502-177-01	DI UMZ9.1KTL	
D1010	6-501-623-01	DIODE PZU13B2	
D1011	6-502-177-01	DI UMZ9.1KTL	
D1012	6-501-619-01	DIODE PZU9.1B2	
D1013	6-502-180-01	DI UMZ12KTL	
D1014	6-502-180-01	DI UMZ12KTL	
D3000	6-502-180-01	DI UMZ12KTL	
D3002	6-502-180-01	DI UMZ12KTL	
D3011	6-501-732-01	DIODE MAZ8056G0LS0	
D3014	6-500-335-01	DIODE MC2838-T112-1	
D3027	6-502-180-01	DI UMZ12KTL	
D3029	6-502-180-01	DI UMZ12KTL	
D3055	6-501-620-01	DIODE PZU10B2	
D3056	6-502-180-01	DI UMZ12KTL	
D3057	6-502-177-01	DI UMZ9.1KTL	
D3058	6-502-180-01	DI UMZ12KTL	
D3059	6-502-180-01	DI UMZ12KTL	
D3400	6-501-732-01	DIODE MAZ8056G0LS0	
D3401	6-501-732-01	DIODE MAZ8056G0LS0	
D3403	6-500-335-01	DIODE MC2838-T112-1	
D3404	6-501-817-01	DIODE MA2J1110GLS0	

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

REF.NO.	PART.NO	DESCRIPTION	REMARK
D3405	6-501-817-01	DIODE MA2J1110GLS0	
D3406	6-501-619-01	DIODE PZU9.1B2	
D3407	6-502-172-01	DI UMZ5.6KTL	
D4502	6-500-335-01	DIODE MC2838-T112-1	
D4505	6-500-335-01	DIODE MC2838-T112-1	
D4506	6-500-335-01	DIODE MC2838-T112-1	
D5501	6-501-817-01	DIODE MA2J1110GLS0	
D5503	6-501-818-01	DIODE MA2J1130GLS0	
D5504	8-719-060-48	DIODE RB751V-40TE-17	
D5505	6-501-817-01	DIODE MA2J1110GLS0	
D5506	6-501-817-01	DIODE MA2J1110GLS0	
D5507	6-500-335-01	DIODE MC2838-T112-1	
D5508	6-500-335-01	DIODE MC2838-T112-1	
D5510	6-502-172-01	DI UMZ5.6KTL	
D5521	6-500-335-01	DIODE MC2838-T112-1	
D5522	6-500-335-01	DIODE MC2838-T112-1	
D5523	8-719-058-24	DIODE RB501V-40TE-17	
D5524	8-719-058-24	DIODE RB501V-40TE-17	
D5525	8-719-058-24	DIODE RB501V-40TE-17	
D5526	8-719-058-24	DIODE RB501V-40TE-17	
D6401	6-501-732-01	DIODE MAZ8056G0LS0	
D6404	6-500-334-01	DIODE MC2836-T112-1	
D6408	6-501-817-01	DIODE MA2J1110GLS0	
D6414	6-501-732-01	DIODE MAZ8056G0LS0	
D7200	6-500-335-01	DIODE MC2838-T112-1	
D8202	6-500-335-01	DIODE MC2838-T112-1	
D8210	6-502-177-01	DI UMZ9.1KTL	
D8212	6-502-177-01	DI UMZ9.1KTL	
D8213	6-502-177-01	DI UMZ9.1KTL	
ET2200	1-780-482-11	EARTH TERMINAL	
ET2201	1-780-482-11	EARTH TERMINAL	
ET2213	1-780-152-11	CONTACT, ON-BOARD	
ET2214	1-780-152-11	CONTACT, ON-BOARD	
ET5001	1-694-974-21	CONTACT TERMINAL	
ET5002	1-694-974-21	CONTACT TERMINAL	
ET5003	1-694-974-21	CONTACT TERMINAL	
ET5004	1-694-974-21	CONTACT TERMINAL	
ET5006	1-694-974-21	CONTACT TERMINAL	
ET6400	1-780-482-11	EARTH TERMINAL	
ET6401	1-780-482-11	EARTH TERMINAL	
ET6402	1-780-482-11	EARTH TERMINAL	
ET6403	1-780-482-11	EARTH TERMINAL	
ET6404	1-780-482-11	EARTH TERMINAL	
ET6405	1-780-482-11	EARTH TERMINAL	
ET6406	1-780-482-11	EARTH TERMINAL	

< FUSE >

F3000	1-576-646-11	FUSE	0.5A	50V
F3401	1-576-933-21	FUSE	5A	24V
F7100	1-576-415-11	FUSE	2A	32V
F7200	1-576-415-11	FUSE	2A	32V
F7201	1-576-646-11	FUSE	0.5A	50V

< FERRITE BEAD >

FB1001	1-400-807-21	FERRITE	0UH
FB2200	1-469-869-21	FERRITE	0UH
FB2201	1-400-834-11	FERRITE	0UH
FB2202	1-400-834-11	FERRITE	0UH
FB2203	1-400-834-11	FERRITE	0UH
FB2204	1-400-834-11	FERRITE	0UH
FB2205	1-400-834-11	FERRITE	0UH
FB2206	1-400-834-11	FERRITE	0UH
FB2207	1-400-834-11	FERRITE	0UH
FB2208	1-400-834-11	FERRITE	0UH
FB2209	1-400-834-11	FERRITE	0UH
FB2210	1-400-834-11	FERRITE	0UH
FB2211	1-400-834-11	FERRITE	0UH
FB2213	1-400-591-22	FERRITE	0UH
FB2214	1-400-591-22	FERRITE	0UH
FB2215	1-400-834-11	FERRITE	0UH
FB2216	1-218-990-81	SHORT CHIP	0
FB2218	1-400-834-11	FERRITE	0UH
FB3004	1-400-141-22	FERRITE	0UH
FB3006	1-400-834-11	FERRITE	0UH
FB3007	1-400-244-11	FERRITE	0UH
FB3406	1-400-089-21	FERRITE	0UH
FB3407	1-400-089-21	FERRITE	0UH
FB3408	1-400-089-21	FERRITE	0UH
FB3409	1-400-089-21	FERRITE	0UH
FB4000	1-400-244-11	FERRITE	0UH
FB4001	1-400-244-11	FERRITE	0UH
FB4500	1-400-693-21	FERRITE	0UH
FB4502	1-400-693-21	FERRITE	0UH
FB4503	1-400-693-21	FERRITE	0UH
FB4504	1-400-141-22	FERRITE	0UH
FB5500	1-500-922-11	FERRITE	0UH
FB5501	1-500-922-11	FERRITE	0UH
FB6401	1-400-089-21	FERRITE	0UH
FB6402	1-400-834-11	FERRITE	0UH
FB6403	1-400-089-21	FERRITE	0UH
FB6404	1-400-834-11	FERRITE	0UH
FB6405	1-400-834-11	FERRITE	0UH
FB6406	1-400-089-21	FERRITE	0UH
FB6407	1-400-834-11	FERRITE	0UH
FB6409	1-400-089-21	FERRITE	0UH
FB6413	1-400-089-21	FERRITE	0UH
FB6603	1-400-089-21	FERRITE	0UH
FB6604	1-400-089-21	FERRITE	0UH
FB6605	1-400-089-21	FERRITE	0UH

REF.NO.	PART.NO	DESCRIPTION	REMARK
FB7101	1-469-869-21	FERRITE 0UH	
FB7102	1-469-869-21	FERRITE 0UH	
FB7103	1-469-869-21	FERRITE 0UH	
FB7104	1-469-869-21	FERRITE 0UH	
FB7105	1-400-244-11	FERRITE 0UH	
FB7106	1-400-244-11	FERRITE 0UH	
FB7107	1-400-244-11	FERRITE 0UH	
FB7108	1-400-244-11	FERRITE 0UH	
FB7118	1-400-834-11	FERRITE 0UH	
FB7119	1-469-869-21	FERRITE 0UH	
FB7200	1-400-244-11	FERRITE 0UH	
FB7201	1-400-244-11	FERRITE 0UH	
FB7202	1-400-834-11	FERRITE 0UH	
FB7300	1-469-869-21	FERRITE 0UH	
FB8200	1-414-760-21	FERRITE 0UH	
	< FILTER >		
FL4001	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5000	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5001	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5002	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5003	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5004	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5007	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5008	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5009	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5010	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5011	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5012	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5013	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5015	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5016	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5018	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5019	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5020	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5021	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5022	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5023	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5024	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
FL5025	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL5026	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
	< IC >		
IC1000	6-712-382-01	IC TC74VHC4053AFT(EK)	
IC2200	6-709-257-01	IC 74LVC4066PW	
IC2202	6-709-932-01	IC MM3141CNRE	
IC2203	6-709-607-01	IC LA5795T-TLM-E	
IC3000	6-704-600-01	IC M24C02-WMN6T(B)	
IC3004	8-759-242-64	IC TC4W53F	
IC3400	6-710-904-01	IC TPA3100D2PHPR	

REF.NO.	PART.NO	DESCRIPTION	REMARK
IC4001	6-711-262-01	IC HYB18TC256160BF-3S	
IC4002	6-711-262-01	IC HYB18TC256160BF-3S	
IC4500	6-704-600-01	IC M24C02-WMN6T(B)	
IC4504	6-704-600-01	IC M24C02-WMN6T(B)	
IC4505	6-704-600-01	IC M24C02-WMN6T(B)	
IC4508	8-753-282-08	IC CXB1444R-T6	
IC4509	6-711-332-01	IC TC7SG17FU (TE85R,F)	
IC5500	6-704-573-01	IC M24C32-WMN6T(B)	
IC5502	6-712-337-01	IC PCA8563T/4	
IC5503	6-704-573-01	IC M24C32-WMN6T(B)	
IC5504	6-703-175-01	IC PST3629UL	
IC5505	6-804-648-01	IC MB90F334APMC-GE1	
IC5507	6-712-527-01	IC MM3154XURE	
IC6401	6-712-744-01	IC TK11190CSCL-G	
IC6402	6-710-922-01	IC BD9853AFV-E2	
IC6403	6-710-922-01	IC BD9853AFV-E2	
IC6570	6-712-749-01	IC MM1701YHBE	
IC6572	6-712-787-01	IC MM1701VHBE	
IC6601	6-710-922-01	IC BD9853AFV-E2	
IC6602	6-712-982-01	IC BD3996FVM-TR	
IC6603	6-712-982-01	IC BD3996FVM-TR	
IC6604	6-712-982-01	IC BD3996FVM-TR	
IC7100	6-709-214-01	IC UPD61123F1-100-KA3-A	
IC7200	6-708-910-01	IC NAND128W3A2BN6F	
IC7201	6-705-306-01	IC HYB25DC256160CE-6	
IC7202	6-708-916-01	IC ICS7150MLFT	
IC7203	6-703-175-01	IC PST3629UL	
IC7300	6-706-482-01	IC TC7SH00FU(T5RSOYJF)	
IC7301	6-707-850-01	IC TC74LCX245FT(EKJ)	
IC7302	6-706-482-01	IC TC7SH00FU(T5RSOYJF)	
IC7303	6-707-846-01	IC TC74LCX14FT(EKJ)	
IC7304	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC7305	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC7306	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC7307	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC7308	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC7309	6-707-853-01	IC TC74LCX541FT(EKJ)	
IC7310	6-711-288-01	IC MIC2005-0.5YM6TR	
IC8200	8-753-299-00	IC CXA3767R-T6	
	< SOCKET >		
J1000	1-821-055-12	PHONO JACK 5P	
J3000	1-820-765-11	PHONO JACK 2P	
J3001	1-821-899-11	JACK (SMALL TYPE)	
J3002	1-821-899-11	JACK (SMALL TYPE)	
J3005	1-821-115-11	PHONO JACK (RIGHT ANGLE) 3P	
J8200	1-815-325-11	JACK	

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

BE2

REF.NO.	PART.NO	DESCRIPTION	REMARK
	< COIL >		
L2200	1-412-058-11	INDUCTOR	10UH
L2201	1-469-549-21	INDUCTOR	1UH
L2202	1-412-058-11	INDUCTOR	10UH
L2203	1-412-058-11	INDUCTOR	10UH
L2204	1-412-058-11	INDUCTOR	10UH
L2206	1-412-058-11	INDUCTOR	10UH
L2207	1-412-058-11	INDUCTOR	10UH
L2208	1-412-058-11	INDUCTOR	10UH
L2209	1-469-549-21	INDUCTOR	1UH
L2210	1-469-549-21	INDUCTOR	1UH
L2211	1-469-549-21	INDUCTOR	1UH
L2212	1-469-555-21	INDUCTOR	10UH
L3401	1-457-429-11	INDUCTOR	22UH
L3402	1-457-429-11	INDUCTOR	22UH
L3403	1-457-429-11	INDUCTOR	22UH
L3406	1-457-429-11	INDUCTOR	22UH
L5502	1-414-754-11	INDUCTOR	10UH
L6401	1-457-455-11	INDUCTOR	10UH
L6402	1-414-398-11	INDUCTOR	10UH
L6403	1-424-918-21	INDUCTOR	10UH
L6404	1-457-455-11	INDUCTOR	10UH
L6405	1-457-439-11	INDUCTOR	4.7UH
L6407	1-457-439-11	INDUCTOR	4.7UH
L6410	1-457-455-11	INDUCTOR	10UH
L6602	1-457-439-11	INDUCTOR	4.7UH
L6603	1-457-439-11	INDUCTOR	4.7UH
L7100	1-412-058-11	INDUCTOR	10UH
L7200	1-412-008-31	INDUCTOR	15UH
L8000	1-457-539-11	INDUCTOR	0UH
L8001	1-457-539-11	INDUCTOR	0UH
L8002	1-457-539-11	INDUCTOR	0UH
L8003	1-457-539-11	INDUCTOR	0UH
L8004	1-457-539-11	INDUCTOR	0UH
L8005	1-457-539-11	INDUCTOR	0UH
L8012	1-400-180-21	FERRITE	0UH
L8200	1-412-058-11	INDUCTOR	10UH
L8203	1-412-058-11	INDUCTOR	10UH
L8204	1-412-058-11	INDUCTOR	10UH
L8205	1-412-058-11	INDUCTOR	10UH
L8206	1-412-058-11	INDUCTOR	10UH
	< PROTECTOR MODULE >		
PS6400	1-576-736-41	IC LINK	3.15A 24V
PS6401	1-576-736-41	IC LINK	3.15A 24V
PS6402	1-576-736-41	IC LINK	3.15A 24V
PS6407	1-576-736-41	IC LINK	3.15A 24V
PS6601	1-576-736-41	IC LINK	3.15A 24V

REF.NO.	PART.NO	DESCRIPTION	REMARK
	< TRANSISTOR >		
Q1000	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q1001	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q1002	6-551-775-01	TR 2SA2122G0LS0	
Q1003	6-551-776-01	TR 2SC5950G0LS0	
Q1006	6-551-943-01	TR RT3XBBM-T111-1	
Q1007	6-551-775-01	TR 2SA2122G0LS0	
Q1008	6-551-776-01	TR 2SC5950G0LS0	
Q2201	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	
Q2202	6-551-904-01	TR RT3S03M-T111-1	
Q2203	6-551-904-01	TR RT3S03M-T111-1	
Q2204	6-551-904-01	TR RT3S03M-T111-1	
Q2205	8-729-038-28	TRANSISTOR RT1N441C-TP-1	
Q2207	8-729-024-43	TRANSISTOR 2SA1365-T112-1EF	
Q2208	8-729-024-43	TRANSISTOR 2SA1365-T112-1EF	
Q2209	8-729-027-44	TRANSISTOR DTC114TKA-T146	
Q2212	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
Q3400	6-551-775-01	TR 2SA2122G0LS0	
Q3401	8-729-038-28	TRANSISTOR RT1N441C-TP-1	
Q4500	6-551-904-01	TR RT3S03M-T111-1	
Q4501	6-551-701-01	TRANSISTOR INK0003AC1-T112A-1	
Q4502	6-551-701-01	TRANSISTOR INK0003AC1-T112A-1	
Q4503	6-551-701-01	TRANSISTOR INK0003AC1-T112A-1	
Q4700	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q4701	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q4702	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q4703	8-729-028-86	TRANSISTOR DTA143EUA-T106	
Q5500	6-551-775-01	TR 2SA2122G0LS0	
Q5501	8-729-028-73	TRANSISTOR DTA114EUA-T106	
Q5503	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q5504	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q5506	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q5508	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q5510	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q5511	6-551-776-01	TR 2SC5950G0LS0	
Q5512	6-551-776-01	TR 2SC5950G0LS0	
Q6400	8-729-028-73	TRANSISTOR DTA114EUA-T106	
Q6404	6-551-986-01	TR RT3DL1M-T111A-1F	
Q6407	6-551-933-01	TR LSS040P03FP8TB1	
Q6408	6-551-460-01	TRANSISTOR RSR025P03TL	
Q6409	6-552-024-01	TR RRH070N03TB1	
Q6410	6-550-718-01	TRANSISTOR RSR025N03TL	
Q6411	6-551-933-01	TR LSS040P03FP8TB1	
Q6412	6-552-024-01	TR RRH070N03TB1	
Q6413	6-551-456-01	TRANSISTOR RTR020P02TL	
Q6414	8-729-620-13	TRANSISTOR 2SC4154TP-1EF	
Q6415	6-550-718-01	TRANSISTOR RSR025N03TL	
Q6416	8-729-028-28	TRANSISTOR 2SK2036(TE85L)	
Q6417	6-551-775-01	TR 2SA2122G0LS0	

REF.NO.	PART.NO	DESCRIPTION	REMARK
Q6419	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q6421	6-551-690-01	TRANSISTOR RT3N11M-TP-1	
Q6423	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q6427	6-550-369-01	TRANSISTOR TPC8109(TE12L)	
Q6443	6-551-986-01	TR RT3DL1M-T111A-1F	
Q6603	6-551-460-01	TRANSISTOR RSR025P03TL	
Q6604	6-551-460-01	TRANSISTOR RSR025P03TL	
Q6605	6-550-718-01	TRANSISTOR RSR025N03TL	
Q6606	6-550-718-01	TRANSISTOR RSR025N03TL	
Q7200	6-550-232-01	TRANSISTOR 2SA2029FS6T2LQ/R	
Q7201	6-551-690-01	TRANSISTOR RT3N11M-TP-1	
Q7202	6-551-690-01	TRANSISTOR RT3N11M-TP-1	
Q8000	8-729-028-96	TRANSISTOR DTC114EUA-T106	
Q8200	6-551-943-01	TR RT3XBBM-T111-1	
Q8210	6-551-943-01	TR RT3XBBM-T111-1	
Q8212	6-551-943-01	TR RT3XBBM-T111-1	
		< RESISTOR >	
R1000	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
R1001	1-218-965-11	RES-CHIP 10K 5%	1/16W
R1002	1-218-965-11	RES-CHIP 10K 5%	1/16W
R1016	1-218-953-11	RES-CHIP 1K 5%	1/16W
R1017	1-218-953-11	RES-CHIP 1K 5%	1/16W
R1018	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1020	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1021	1-216-809-11	METAL CHIP 100 5%	1/10W
R1022	1-216-813-11	METAL CHIP 220 5%	1/10W
R1023	1-216-853-11	METAL CHIP 470K 5%	1/10W
R1024	1-216-853-11	METAL CHIP 470K 5%	1/10W
R1025	1-216-853-11	METAL CHIP 470K 5%	1/10W
R1026	1-216-811-11	METAL CHIP 150 5%	1/10W
R1027	1-216-853-11	METAL CHIP 470K 5%	1/10W
R1028	1-218-949-11	RES-CHIP 470 5%	1/16W
R1029	1-216-811-11	METAL CHIP 150 5%	1/10W
R1030	1-218-971-11	RES-CHIP 33K 5%	1/16W
R1031	1-218-965-11	RES-CHIP 10K 5%	1/16W
R1033	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1036	1-218-953-11	RES-CHIP 1K 5%	1/16W
R1037	1-218-953-11	RES-CHIP 1K 5%	1/16W
R1038	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1039	1-216-809-11	METAL CHIP 100 5%	1/10W
R1040	1-218-941-81	RES-CHIP 100 5%	1/16W
R1041	1-218-941-81	RES-CHIP 100 5%	1/16W
R1042	1-218-941-81	RES-CHIP 100 5%	1/16W
R1043	1-216-853-11	METAL CHIP 470K 5%	1/10W
R1044	1-216-813-11	METAL CHIP 220 5%	1/10W
R1045	1-218-985-11	RES-CHIP 470K 5%	1/16W
R1046	1-218-985-11	RES-CHIP 470K 5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK
R1047	1-216-853-11	METAL CHIP 470K 5%	1/10W
R1048	1-216-853-11	METAL CHIP 470K 5%	1/10W
R1049	1-216-811-11	METAL CHIP 150 5%	1/10W
R1050	1-216-853-11	METAL CHIP 470K 5%	1/10W
R1052	1-216-809-11	METAL CHIP 100 5%	1/10W
R1054	1-218-949-11	RES-CHIP 470 5%	1/16W
R1055	1-216-811-11	METAL CHIP 150 5%	1/10W
R1056	1-218-953-11	RES-CHIP 1K 5%	1/16W
R1057	1-218-953-11	RES-CHIP 1K 5%	1/16W
R1058	1-218-971-11	RES-CHIP 33K 5%	1/16W
R1059	1-218-965-11	RES-CHIP 10K 5%	1/16W
R1060	1-218-963-11	RES-CHIP 6.8K 5%	1/16W
R1061	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
R1062	1-218-963-11	RES-CHIP 6.8K 5%	1/16W
R1063	1-218-957-11	RES-CHIP 2.2K 5%	1/16W
R1064	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1066	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1068	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1070	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1073	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1074	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1076	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1078	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1081	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1083	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R1085	1-208-860-81	METAL CHIP 75 0.5%	1/16W
R2204	1-218-949-11	RES-CHIP 470 5%	1/16W
R2207	1-218-969-11	RES-CHIP 22K 5%	1/16W
R2208	1-218-981-91	RES-CHIP 220K 5%	1/16W
R2213	1-218-965-11	RES-CHIP 10K 5%	1/16W
R2216	1-218-971-11	RES-CHIP 33K 5%	1/16W
R2218	1-218-971-11	RES-CHIP 33K 5%	1/16W
R2219	1-218-965-11	RES-CHIP 10K 5%	1/16W
R2222	1-218-969-11	RES-CHIP 22K 5%	1/16W
R2225	1-218-965-11	RES-CHIP 10K 5%	1/16W
R2227	1-218-949-11	RES-CHIP 470 5%	1/16W
R2229	1-218-949-11	RES-CHIP 470 5%	1/16W
R2233	1-218-969-11	RES-CHIP 22K 5%	1/16W
R2234	1-218-965-11	RES-CHIP 10K 5%	1/16W
R2242	1-218-937-11	RES-CHIP 47 5%	1/16W
R2250	1-218-990-81	SHORT CHIP 0	
R2251	1-218-941-81	RES-CHIP 100 5%	1/16W
R2255	1-218-990-81	SHORT CHIP 0	
R2257	1-218-990-81	SHORT CHIP 0	
R2258	1-218-990-81	SHORT CHIP 0	
R2259	1-218-965-11	RES-CHIP 10K 5%	1/16W
R3019	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3029	1-218-953-11	RES-CHIP 1K 5%	1/16W
R3035	1-218-977-11	RES-CHIP 100K 5%	1/16W
R3040	1-216-853-11	METAL CHIP 470K 5%	1/10W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R3041	1-216-853-11	METAL CHIP	470K	5%	1/10W
R3042	1-216-853-11	METAL CHIP	470K	5%	1/10W
R3043	1-216-853-11	METAL CHIP	470K	5%	1/10W
R3100	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3101	1-218-941-81	RES-CHIP	100	5%	1/16W
R3107	1-218-941-81	RES-CHIP	100	5%	1/16W
R3108	1-216-853-11	METAL CHIP	470K	5%	1/10W
R3109	1-216-853-11	METAL CHIP	470K	5%	1/10W
R3110	1-216-853-11	METAL CHIP	470K	5%	1/10W
R3111	1-216-853-11	METAL CHIP	470K	5%	1/10W
R3112	1-216-809-11	METAL CHIP	100	5%	1/10W
R3113	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3117	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3119	1-208-860-81	METAL CHIP	75	0.5%	1/16W
R3407	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3408	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3415	1-218-971-11	RES-CHIP	33K	5%	1/16W
R3416	1-218-971-11	RES-CHIP	33K	5%	1/16W
R3432	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3434	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3453	1-218-981-91	RES-CHIP	220K	5%	1/16W
R3455	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3456	1-218-969-11	RES-CHIP	22K	5%	1/16W
R3457	1-218-949-11	RES-CHIP	470	5%	1/16W
R3458	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3459	1-218-941-81	RES-CHIP	100	5%	1/16W
R3460	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4000	1-218-943-11	RES-CHIP	150	5%	1/16W
R4003	1-218-943-11	RES-CHIP	150	5%	1/16W
R4010	1-218-933-11	RES-CHIP	22	5%	1/16W
R4011	1-218-933-11	RES-CHIP	22	5%	1/16W
R4012	1-218-933-11	RES-CHIP	22	5%	1/16W
R4013	1-218-933-11	RES-CHIP	22	5%	1/16W
R4014	1-218-935-11	RES-CHIP	33	5%	1/16W
R4015	1-218-935-11	RES-CHIP	33	5%	1/16W
R4016	1-218-935-11	RES-CHIP	33	5%	1/16W
R4017	1-218-935-11	RES-CHIP	33	5%	1/16W
R4018	1-218-935-11	RES-CHIP	33	5%	1/16W
R4019	1-218-935-11	RES-CHIP	33	5%	1/16W
R4020	1-218-933-11	RES-CHIP	22	5%	1/16W
R4021	1-218-933-11	RES-CHIP	22	5%	1/16W
R4022	1-218-933-11	RES-CHIP	22	5%	1/16W
R4023	1-218-933-11	RES-CHIP	22	5%	1/16W
R4024	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R4025	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R4026	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R4027	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R4028	1-218-933-11	RES-CHIP	22	5%	1/16W
R4029	1-218-933-11	RES-CHIP	22	5%	1/16W
R4500	1-218-953-11	RES-CHIP	1K	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R4502	1-218-967-11	RES-CHIP	15K	5%	1/16W
R4512	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4513	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4514	1-218-967-11	RES-CHIP	15K	5%	1/16W
R4515	1-218-967-11	RES-CHIP	15K	5%	1/16W
R4517	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4519	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4525	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4528	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4529	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R4533	1-218-941-81	RES-CHIP	100	5%	1/16W
R4534	1-218-941-81	RES-CHIP	100	5%	1/16W
R4535	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4537	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4538	1-218-981-91	RES-CHIP	220K	5%	1/16W
R4540	1-218-981-91	RES-CHIP	220K	5%	1/16W
R4541	1-218-981-91	RES-CHIP	220K	5%	1/16W
R4542	1-218-941-81	RES-CHIP	100	5%	1/16W
R4708	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4709	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4752	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R4753	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R5016	1-216-864-11	SHORT CHIP	0		
R5020	1-216-864-11	SHORT CHIP	0		
R5021	1-216-864-11	SHORT CHIP	0		
R5022	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R5024	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R5501	1-216-864-11	SHORT CHIP	0		
R5502	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R5503	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5505	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5506	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R5508	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5509	1-218-941-81	RES-CHIP	100	5%	1/16W
R5512	1-218-941-81	RES-CHIP	100	5%	1/16W
R5513	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5518	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5519	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5522	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5527	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R5528	1-243-975-11	METAL CHIP	4.7M	5%	1/16W
R5530	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5531	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5533	1-216-813-11	METAL CHIP	220	5%	1/10W
R5541	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5542	1-218-970-11	RES-CHIP	27K	5%	1/16W
R5555	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5563	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5568	1-218-941-81	RES-CHIP	100	5%	1/16W
R5569	1-218-945-11	RES-CHIP	220	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R5570	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5571	1-218-941-81	RES-CHIP	100	5%	1/16W
R5572	1-218-933-11	RES-CHIP	22	5%	1/16W
R5574	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5576	1-218-941-81	RES-CHIP	100	5%	1/16W
R5578	1-218-941-81	RES-CHIP	100	5%	1/16W
R5590	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5592	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5604	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5614	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5616	1-218-941-81	RES-CHIP	100	5%	1/16W
R5617	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R5621	1-218-941-81	RES-CHIP	100	5%	1/16W
R5623	1-218-941-81	RES-CHIP	100	5%	1/16W
R5629	1-218-941-81	RES-CHIP	100	5%	1/16W
R5630	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R5631	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5639	1-218-941-81	RES-CHIP	100	5%	1/16W
R5643	1-218-941-81	RES-CHIP	100	5%	1/16W
R5644	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5646	1-218-941-81	RES-CHIP	100	5%	1/16W
R5647	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5655	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5656	1-218-949-11	RES-CHIP	470	5%	1/16W
R5669	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5670	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5671	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5674	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5675	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5676	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5677	1-218-941-81	RES-CHIP	100	5%	1/16W
R5686	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R5689	1-218-941-81	RES-CHIP	100	5%	1/16W
R5690	1-218-941-81	RES-CHIP	100	5%	1/16W
R5700	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R5702	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5709	1-218-941-81	RES-CHIP	100	5%	1/16W
R5710	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R6401	1-218-953-11	RES-CHIP	1K	5%	1/16W
R6402	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6403	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6408	1-218-941-81	RES-CHIP	100	5%	1/16W
R6409	1-218-969-11	RES-CHIP	22K	5%	1/16W
R6415	1-216-864-11	SHORT CHIP	0		
R6416	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R6418	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R6419	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R6420	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R6421	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R6423	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6424	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R6426	1-218-970-11	RES-CHIP	27K	5%	1/16W
R6427	1-218-978-11	RES-CHIP	120K	5%	1/16W
R6428	1-218-970-11	RES-CHIP	27K	5%	1/16W
R6430	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6432	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R6439	1-208-711-11	METAL CHIP	15K	0.5%	1/16W
R6443	1-208-909-11	METAL CHIP	8.2K	0.5%	1/16W
R6445	1-216-864-11	SHORT CHIP	0		
R6454	1-218-941-81	RES-CHIP	100	5%	1/16W
R6455	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6459	1-208-911-11	METAL CHIP	10K	0.5%	1/16W
R6461	1-208-935-11	METAL CHIP	100K	0.5%	1/16W
R6462	1-218-990-81	SHORT CHIP	0		
R6463	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R6466	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6467	1-208-703-11	METAL CHIP	6.8K	0.5%	1/16W
R6468	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R6469	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R6470	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6473	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6474	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R6475	1-208-721-11	METAL CHIP	39K	0.5%	1/16W
R6476	1-218-978-11	RES-CHIP	120K	5%	1/16W
R6477	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6479	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R6489	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R6490	1-218-973-11	RES-CHIP	47K	5%	1/16W
R6491	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6495	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6496	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6497	1-218-941-81	RES-CHIP	100	5%	1/16W
R6499	1-218-983-11	RES-CHIP	330K	5%	1/16W
R6508	1-208-931-11	METAL CHIP	68K	0.5%	1/16W
R6509	1-218-977-11	RES-CHIP	100K	5%	1/16W
R6583	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6604	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R6607	1-208-893-11	METAL CHIP	1.8K	0.5%	1/16W
R6608	1-208-927-11	METAL CHIP	47K	0.5%	1/16W
R6609	1-208-721-11	METAL CHIP	39K	0.5%	1/16W
R6612	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R6617	1-208-909-11	METAL CHIP	8.2K	0.5%	1/16W
R6623	1-216-864-11	SHORT CHIP	0		
R6630	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R6633	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R6634	1-218-974-11	RES-CHIP	56K	5%	1/16W
R6635	1-208-931-11	METAL CHIP	68K	0.5%	1/16W
R6636	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R6639	1-218-953-11	RES-CHIP	1K	5%	1/16W
R6658	1-216-809-11	METAL CHIP	100	5%	1/10W

REF.NO.	PART.NO	DESCRIPTION			REMARK
R7101	1-218-937-11	RES-CHIP	47	5%	1/16W
R7107	1-218-941-81	RES-CHIP	100	5%	1/16W
R7110	1-218-941-81	RES-CHIP	100	5%	1/16W
R7113	1-218-937-11	RES-CHIP	47	5%	1/16W
R7114	1-218-937-11	RES-CHIP	47	5%	1/16W
R7115	1-218-937-11	RES-CHIP	47	5%	1/16W
R7116	1-218-937-11	RES-CHIP	47	5%	1/16W
R7121	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7122	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7125	1-218-937-11	RES-CHIP	47	5%	1/16W
R7126	1-218-937-11	RES-CHIP	47	5%	1/16W
R7129	1-218-937-11	RES-CHIP	47	5%	1/16W
R7143	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7148	1-218-937-11	RES-CHIP	47	5%	1/16W
R7151	1-218-941-81	RES-CHIP	100	5%	1/16W
R7156	1-220-174-11	RES-CHIP	200	5%	1/16W
R7159	1-208-671-11	METAL CHIP	330	0.5%	1/16W
R7160	1-208-883-81	METAL CHIP	680	0.5%	1/16W
R7163	1-208-675-11	METAL CHIP	470	0.5%	1/16W
R7200	1-218-949-11	RES-CHIP	470	5%	1/16W
R7201	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7203	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7204	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7206	1-218-941-81	RES-CHIP	100	5%	1/16W
R7207	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7208	1-218-949-11	RES-CHIP	470	5%	1/16W
R7209	1-218-949-11	RES-CHIP	470	5%	1/16W
R7210	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7214	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7218	1-218-939-11	RES-CHIP	68	5%	1/16W
R7220	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7221	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7223	1-218-941-11	RES-CHIP	100	5%	1/16W
R7224	1-218-941-11	RES-CHIP	100	5%	1/16W
R7225	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7227	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7228	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7229	1-218-939-11	RES-CHIP	68	5%	1/16W
R7230	1-218-941-81	RES-CHIP	100	5%	1/16W
R7231	1-218-941-81	RES-CHIP	100	5%	1/16W
R7232	1-218-941-81	RES-CHIP	100	5%	1/16W
R7233	1-218-941-81	RES-CHIP	100	5%	1/16W
R7234	1-218-937-11	RES-CHIP	47	5%	1/16W
R7235	1-218-945-11	RES-CHIP	220	5%	1/16W
R7236	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7237	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7238	1-218-941-81	RES-CHIP	100	5%	1/16W
R7300	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7301	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7305	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7306	1-218-941-81	RES-CHIP	100	5%	1/16W
R7307	1-218-945-11	RES-CHIP	220	5%	1/16W
R7309	1-218-941-81	RES-CHIP	100	5%	1/16W
R7310	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7311	1-218-937-11	RES-CHIP	47	5%	1/16W
R7312	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7313	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7314	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7315	1-218-941-81	RES-CHIP	100	5%	1/16W
R7316	1-218-941-81	RES-CHIP	100	5%	1/16W
R7317	1-218-941-81	RES-CHIP	100	5%	1/16W
R7318	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7319	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7320	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7321	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7322	1-218-937-11	RES-CHIP	47	5%	1/16W
R7323	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7324	1-218-937-11	RES-CHIP	47	5%	1/16W
R7512	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7513	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7515	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8004	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8008	1-218-941-81	RES-CHIP	100	5%	1/16W
R8009	1-218-935-11	RES-CHIP	33	5%	1/16W
R8010	1-218-935-11	RES-CHIP	33	5%	1/16W
R8011	1-218-935-11	RES-CHIP	33	5%	1/16W
R8012	1-218-935-11	RES-CHIP	33	5%	1/16W
R8013	1-218-935-11	RES-CHIP	33	5%	1/16W
R8014	1-218-935-11	RES-CHIP	33	5%	1/16W
R8015	1-218-935-11	RES-CHIP	33	5%	1/16W
R8016	1-218-935-11	RES-CHIP	33	5%	1/16W
R8027	1-218-935-11	RES-CHIP	33	5%	1/16W
R8042	1-218-941-81	RES-CHIP	100	5%	1/16W
R8043	1-218-941-81	RES-CHIP	100	5%	1/16W
R8050	1-218-941-81	RES-CHIP	100	5%	1/16W
R8051	1-218-941-81	RES-CHIP	100	5%	1/16W
R8052	1-218-941-81	RES-CHIP	100	5%	1/16W
R8078	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8081	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R8082	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R8086	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8089	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8092	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8094	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8098	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8100	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8102	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8104	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8108	1-218-941-81	RES-CHIP	100	5%	1/16W
R8109	1-218-941-81	RES-CHIP	100	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK
R8207	1-208-695-11	METAL CHIP 3.3K 0.5% 1/16W	
R8208	1-218-941-81	RES-CHIP 100 5% 1/16W	
R8215	1-218-949-11	RES-CHIP 470 5% 1/16W	
R8216	1-218-949-11	RES-CHIP 470 5% 1/16W	
R8235	1-218-945-11	RES-CHIP 220 5% 1/16W	
R8236	1-218-945-11	RES-CHIP 220 5% 1/16W	
R8237	1-218-945-11	RES-CHIP 220 5% 1/16W	
		< RESISTOR CHIP >	
RB1000	1-234-382-21	RES, NETWORK 220K	(1005X4)
RB1001	1-234-382-21	RES, NETWORK 220K	(1005X4)
RB1002	1-239-678-81	RESISTOR, NETWORK 220	
RB1005	1-234-372-11	RES, NETWORK 100	(1005X4)
RB1007	1-239-674-81	RESISTOR, NETWORK 100	
RB1008	1-239-682-11	RESISTOR, NETWORK 470	
RB1010	1-239-678-81	RESISTOR, NETWORK 220	
RB1011	1-234-372-11	RES, NETWORK 100	(1005X4)
RB2200	1-239-670-81	RESISTOR, NETWORK 47	
RB2201	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB2202	1-239-674-81	RESISTOR, NETWORK 100	
RB2203	1-239-666-81	RESISTOR, NETWORK 22	
RB2263	1-239-694-81	RESISTOR, NETWORK 4.7K	
RB3005	1-239-698-11	RESISTOR, NETWORK 10K	
RB3006	1-239-674-81	RESISTOR, NETWORK 100	
RB3010	1-239-686-11	RESISTOR, NETWORK 1K	
RB3011	1-239-686-11	RESISTOR, NETWORK 1K	
RB3021	1-239-674-81	RESISTOR, NETWORK 100	
RB3023	1-239-686-11	RESISTOR, NETWORK 1K	
RB3024	1-239-678-81	RESISTOR, NETWORK 220	
RB3400	1-234-381-11	RES, NETWORK 100K	(1005X4)
RB3401	1-234-382-21	RES, NETWORK 220K	(1005X4)
RB3402	1-239-674-81	RESISTOR, NETWORK 100	
RB4012	1-234-892-21	RES, CHIP NETWORK 33X8	(3816)
RB4013	1-234-892-21	RES, CHIP NETWORK 33X8	(3816)
RB4014	1-242-963-21	RES, NETWORK 33	(1005X4)
RB4015	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB4016	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB4017	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4018	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB4019	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB4020	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4501	1-239-674-81	RESISTOR, NETWORK 100	
RB4502	1-239-700-81	RESISTOR, NETWORK 15K	
RB4512	1-239-674-81	RESISTOR, NETWORK 100	
RB4513	1-239-674-81	RESISTOR, NETWORK 100	
RB4514	1-239-700-81	RESISTOR, NETWORK 15K	
RB4515	1-239-700-81	RESISTOR, NETWORK 15K	
RB4528	1-239-670-81	RESISTOR, NETWORK 47	
RB4529	1-239-686-11	RESISTOR, NETWORK 1K	
RB4702	1-239-674-81	RESISTOR, NETWORK 100	
RB4703	1-239-674-81	RESISTOR, NETWORK 100	
RB4704	1-239-701-81	RESISTOR, NETWORK 18K	
RB4705	1-239-701-81	RESISTOR, NETWORK 18K	
RB4706	1-239-674-81	RESISTOR, NETWORK 100	
RB4707	1-234-723-11	RES, NETWORK 75	(1005X4)
RB4708	1-239-701-81	RESISTOR, NETWORK 18K	
RB4709	1-239-701-81	RESISTOR, NETWORK 18K	
RB4711	1-234-371-21	RES, NETWORK 47	(1005X4)
RB4712	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5001	1-239-674-81	RESISTOR, NETWORK 100	
RB5002	1-239-674-81	RESISTOR, NETWORK 100	
RB5003	1-239-674-81	RESISTOR, NETWORK 100	
RB5500	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5501	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5502	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5503	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5504	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB5506	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB5507	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB5508	1-234-376-11	RES, NETWORK 2.2K	(1005X4)
RB5509	1-239-674-81	RESISTOR, NETWORK 100	
RB5510	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB5511	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5512	1-234-376-11	RES, NETWORK 2.2K	(1005X4)
RB5514	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB5515	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB5516	1-239-674-81	RESISTOR, NETWORK 100	
RB5517	1-239-698-11	RESISTOR, NETWORK 10K	
RB5518	1-239-674-81	RESISTOR, NETWORK 100	
RB5520	1-239-674-81	RESISTOR, NETWORK 100	
RB5521	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB5522	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5523	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB5524	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5525	1-239-674-81	RESISTOR, NETWORK 100	
RB5526	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5527	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5528	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5530	1-234-376-11	RES, NETWORK 2.2K	(1005X4)
RB6401	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB7104	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB7105	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7106	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7109	1-234-371-21	RES, NETWORK 47	(1005X4)
RB7110	1-234-371-21	RES, NETWORK 47	(1005X4)
RB7117	1-234-371-21	RES, NETWORK 47	(1005X4)
RB7128	1-234-371-21	RES, NETWORK 47	(1005X4)
RB7129	1-234-371-21	RES, NETWORK 47	(1005X4)
RB7130	1-234-378-21	RES, NETWORK 10K	(1005X4)

REF.NO.	PART.NO	DESCRIPTION	REMARK
RB7200	1-234-878-21	RES, CHIP NETWORK 1KX8 (3816)	
RB7202	1-234-878-21	RES, CHIP NETWORK 1KX8 (3816)	
RB7204	1-234-375-21	RES, NETWORK 1K	(1005X4)
RB7205	1-234-702-11	RES, NETWORK 68	(1005X4)
RB7206	1-234-702-11	RES, NETWORK 68	(1005X4)
RB7207	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7208	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7209	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7210	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7211	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7212	1-234-702-11	RES, NETWORK 68	(1005X4)
RB7213	1-234-702-11	RES, NETWORK 68	(1005X4)
RB7214	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7300	1-239-698-11	RESISTOR, NETWORK 10K	
RB7301	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7302	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB7303	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB7304	1-234-371-21	RES, NETWORK 47	(1005X4)
RB7305	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7306	1-239-698-11	RESISTOR, NETWORK 10K	
RB7503	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7504	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)
RB8007	1-239-674-81	RESISTOR, NETWORK 100	
RB8008	1-239-674-81	RESISTOR, NETWORK 100	
RB8009	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8010	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8011	1-239-674-81	RESISTOR, NETWORK 100	
RB8012	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8014	1-239-674-81	RESISTOR, NETWORK 100	
RB8015	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8016	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8017	1-239-674-81	RESISTOR, NETWORK 100	
RB8018	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB8103	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8201	1-239-674-81	RESISTOR, NETWORK 100	
RB8210	1-239-674-81	RESISTOR, NETWORK 100	
RB8213	1-239-674-81	RESISTOR, NETWORK 100	
RB8214	1-239-674-81	RESISTOR, NETWORK 100	
RB8215	1-239-674-81	RESISTOR, NETWORK 100	
RB8216	1-239-674-81	RESISTOR, NETWORK 100	
RB8217	1-239-674-81	RESISTOR, NETWORK 100	
RB8220	1-239-682-11	RESISTOR, NETWORK 470	
RB8222	1-239-698-11	RESISTOR, NETWORK 10K	
RB8223	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8224	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8225	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8226	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8227	1-234-372-11	RES, NETWORK 100	(1005X4)
RB8228	1-234-372-11	RES, NETWORK 100	(1005X4)

REF.NO.	PART.NO	DESCRIPTION	REMARK
		< TUNER >	
TU2200	8-597-641-00	TUNER UNIT, DIGITAL BTD-HF411T	
		< VARISTOR >	
VD1000	1-802-078-11	VARISTOR (SMD)	
VD1001	1-802-078-11	VARISTOR (SMD)	
VD1002	1-802-078-11	VARISTOR (SMD)	
VD3000	1-802-078-11	VARISTOR (SMD)	
VD3004	1-802-078-11	VARISTOR (SMD)	
VD3005	1-802-078-11	VARISTOR (SMD)	
VD3006	1-802-078-11	VARISTOR (SMD)	
VD3007	1-802-493-21	VARISTOR, NETWORK (1005X2)	
VD4500	1-802-078-11	VARISTOR (SMD)	
VD4501	1-802-078-11	VARISTOR (SMD)	
VD4502	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD4503	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD4504	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD4505	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD4506	1-802-078-11	VARISTOR (SMD)	
VD4507	1-802-078-11	VARISTOR (SMD)	
VD4509	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD4510	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD4511	1-802-078-11	VARISTOR (SMD)	
VD4512	1-802-078-11	VARISTOR (SMD)	
VD8201	1-802-078-11	VARISTOR (SMD)	
		< CRYSTAL >	
X5500	1-813-784-21	VIBRATOR, CRYSTAL	
X5501	1-795-537-21	VIBRATOR, CRYSTAL	
X7200	1-813-055-11	QUARTZ CRYSTAL UNIT	
X8000	1-781-867-21	VIBRATOR, CRYSTAL	

*** A-1543-850-A H3E Board, Complete**

		< CONNECTOR >	
CN301	1-820-288-11	HEADER ASSEMBLY (PRINT PWB) 9P	
		< DIODE >	
D308	6-502-297-01	DI FR1105W-730-TR	
D322	6-502-297-01	DI FR1105W-730-TR	
D323	6-502-296-01	DI VYPY1105W-5C43A-TR	
D324	6-502-297-01	DI FR1105W-730-TR	
D325	6-502-296-01	DI VYPY1105W-5C43A-TR	
		< TRANSISTOR >	
Q301	6-551-815-01	TR UNR52A1G0LS0	
Q302	6-551-815-01	TR UNR52A1G0LS0	
Q303	6-551-815-01	TR UNR52A1G0LS0	
Q304	6-551-815-01	TR UNR52A1G0LS0	

REF.NO.	PART.NO	DESCRIPTION			REMARK
Q305	6-551-815-01	TR UNR52A1G0LS0			
		< RESISTOR >			
R301	1-208-871-81	METAL CHIP	220	0.5%	1/16W
R302	1-208-885-11	METAL CHIP	820	0.5%	1/16W
R303	1-208-663-11	METAL CHIP	150	0.5%	1/16W
R304	1-208-683-11	METAL CHIP	1K	0.5%	1/16W
R305	1-208-683-11	METAL CHIP	1K	0.5%	1/16W

* A-1510-351-A H4 Board, Complete

		< CAPACITOR >			
C401	1-112-068-11	CERAMIC CHIP 220PF		10%	50V
C402	1-100-909-11	CERAMIC CHIP 10UF		10%	6.3V
		< CONNECTOR >			
CN401	1-820-180-11	HEADER ASSEMBLY (PRINT PWB) 3P			
		< IC >			
IC401	6-600-681-01	IC RS-770N			
		< RESISTOR >			
R401	1-218-949-11	RES-CHIP	470	5%	1/16W
R402	1-218-937-11	RES-CHIP	47	5%	1/16W

REF.NO.	PART.NO	DESCRIPTION	REMARK

ACCESSORIES AND CONNECTORS

*1-835-146-11	CONNECTOR ASSY, MDF61 (CN6700(D4)-BALANCER)	(52 inches)
*1-835-147-11	CONNECTOR ASSY, MDF61 (CN6700(IP5)-BALANCER)	(40 inches)
*1-835-148-11	CONNECTOR ASSY, MDF61 (CN6700(IP5)-BALANCER)	(46 inches)
*1-835-149-11	CONNECTOR ASSY, MDF61 (CN6951(D5)-BALANCER)	(52 inches)
*1-835-186-11	CONNECTOR ASSY (CN6500(G5)-CN6600(D4))	(52 inches)
*1-835-187-11	CONNECTOR ASSY (CN6501(G5)-CN6900(D5))	(52 inches)
*1-910-046-43	CONNECTOR ASSY 13P (CN6401(BE2)-CN6150(IP5)	(40/46 inches)
*1-910-046-44	CONNECTOR ASSY 6P (CN6402(BE2)-CN6154(IP5)	(40/46 inches)
*1-910-046-45	CONNECTOR ASSY 7P (CN6701(IP5)-CN213(BALANCER))	(40 inches)
*1-910-046-46	SP CONNECTOR ASSY 4P (CN3400(BE2)-SPEAKER	(40 inches)
*1-910-046-49	CONNECTOR ASSY 9P (CN6701(IP5)-CN213(BALANCER))	(46 inches)
*1-910-046-50	SP CONNECTOR ASSY 4P (CN3400(BE2)-SPEAKER	(46 inches)
*1-910-046-52	CONNECTOR ASSY 9P (CN6701(D4)-CN213(BALANCER))	(52 inches)
*1-910-046-53	CONNECTOR ASSY 6P (CN6402(BE2)-CN6154(G5))	(52 inches)
*1-910-046-54	CONNECTOR ASSY 13P (CN6401(BE2)-CN6150(G5))	(52 inches)
*1-910-046-55	CONNECTOR ASSY 8P (CN6702(D4)-CN6153(G5))	(52 inches)
*1-910-046-56	CONNECTOR ASSY 10P (CN6703(D4)-CN6950(D5))	(52 inches)
*1-910-046-57	SP CONNECTOR ASSY 4P (CN3400(BE2)-SPEAKER	(52 inches)
*1-910-048-88	CONNECTOR ASSY H3H4 20P (CN5500(BE2)-CN101(SWITCH UNIT)/CN301(H3E)/CN401(H4))	(40 inches)
*1-910-048-89	CONNECTOR ASSY H3H4 20P (CN5500(BE2)-CN101(SWITCH UNIT)/CN301(H3E)/CN401(H4))	(46 inches)
*1-910-048-90	CONNECTOR ASSY H3H4 20P (CN5500(BE2)-CN101(SWITCH UNIT)/CN301(H3E)/CN401(H4))	(52 inches)
*1-966-131-11	HARNESS WITH CONNECTOR (LVDS) (TCON-CN8800(BE2))	(52 inches)
*1-966-132-11	HARNESS WITH CONNECTOR (LVDS) (TCON-CN8800(BE2))	(46 inches)
*1-966-133-11	LEAD WIRE WITH CONNECTOR (LVDS) (TCON-CN8800(BE2))	40 inches)

REF.NO.	PART.NO	DESCRIPTION	REMARK
	*3-298-969-11	INSTRUCTION MANUAL (UK) ENGLISH	
	*3-298-969-21	INSTRUCTION MANUAL (WE) GERMAN/SPANISH/ FRENCH/GREEK/ITALIAN/DUTCH/PORTUGUESE	
	*3-298-969-31	INSTRUCTION MANUAL (OIRT) DANISH/FINNISH/ ENGLISH/NORWEGIAN/POLISH/RUSSIAN/SWEDISH	
	*3-298-969-41	INSTRUCTION MANUAL (OIRT) CZECH/HUNGARIAN/ SLOVAK/TURKISH	
	*3-298-969-51	INSTRUCTION MANUAL (OIRT) ENGLISH/RUSSIAN	

REMOTE COMMANDER

	1-480-798-11	REMOTE COMMANDER (RM-ED013)	

9-883-400-05

Sony Corporation
Sony UK
Service Promotions Dept.

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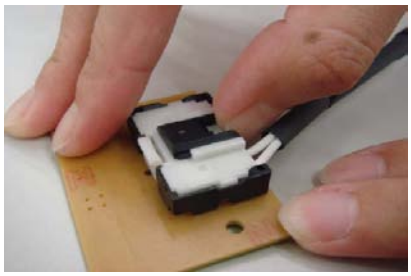
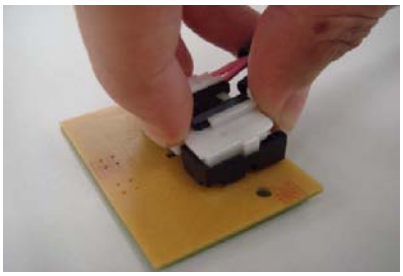
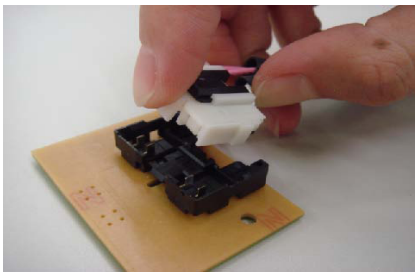
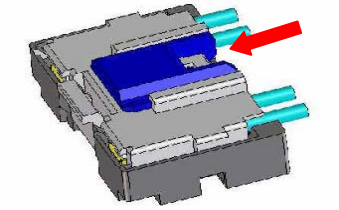
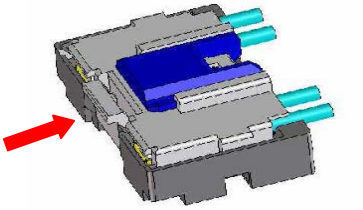
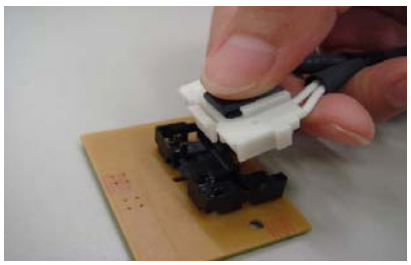
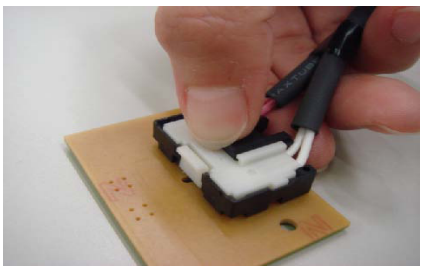
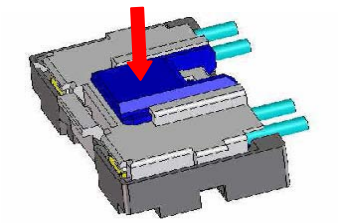
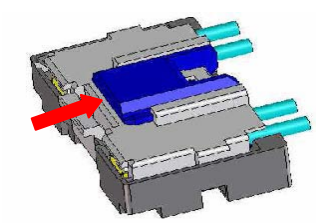
Appendix-A - Caution Notes

1. MDF-61 Connector (Removal)

		
		
Slide the slider to release slider lock.	Press the centre lock tab to release the lock and pull the connector up	Remove connector

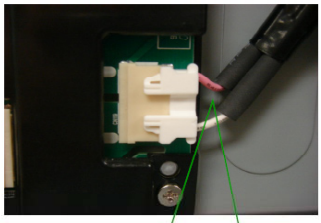
2. MDF-61 Connector (Refiitting)

		
		
Hold the centre of connector	Press centre of connector to insert	Slide the slider to lock connector

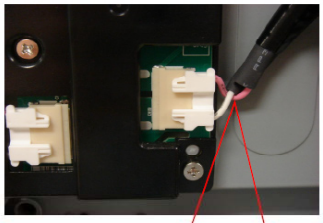
Appendix-A - Caution Notes

3. The harness must not be crossed or twisted

BALANCER BOARD SIDE

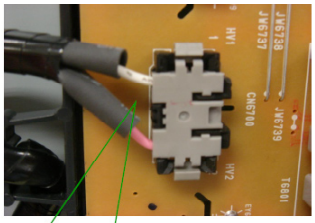


OK
PINK AND WHITE CABLES ARE NOT TWISTED

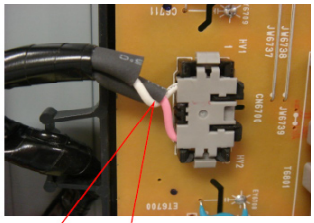


NG
PINK AND WHITE CABLES MUST NOT BE TWISTED

INVERTER BOARD SIDE

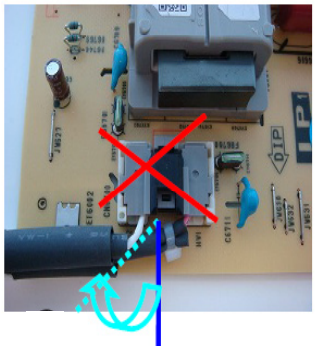


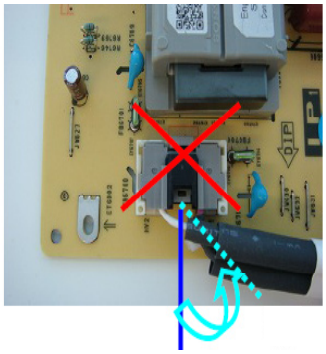
OK
PINK AND WHITE CABLES ARE NOT TWISTED



NG
PINK AND WHITE CABLES MUST NOT BE TWISTED

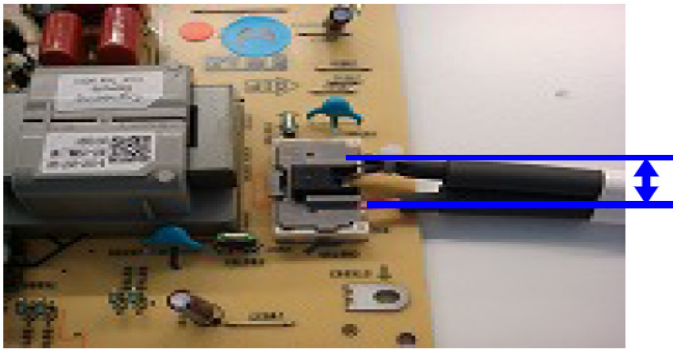
4. Wire Dressing at connector





The harness must not bend more than 45 degrees from the direction of the connector base to avoid crossing or twisting.

5. Wire distance at connector



The distance between each wire must be wider than 4mm to ensure isolation from lamp voltage.